

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Implementation of the Federal Communications Commission's
Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*

Docket No. 03-00527

SUBPOENA DUCES TECUM FOR DEPOSITION

To: Interstate Fibernet, Inc., Corporation Service Company, 2908 Poston
Avenue, Nashville, TN 37203

YOU ARE COMMANDED to appear before a person authorized by law to
take depositions at the offices BellSouth Telecommunications, Inc., 333 Commerce
Street, Suite, 2101, Nashville, TN 37201 on December 16, 2003, at 2:00 p.m. to
testify in this action, and to have with you at that time and place the following:

1. Documents reflecting your ownership and use of high capacity loop
and transport facilities, including high capacity loop and transport
facilities that might be used by other carriers to provide services to
customers in Tennessee.
2. All information set forth in the Attachment, "Matters upon which
examination is requested per T.C.A. §§ 4-5-311 and 65-2-102."

These items will be inspected and may be copied at that time. You will not
be required to surrender the original items.

YOU ARE SUBPOENAED to appear by the following attorney(s) and, unless
excused from this subpoena by these attorney(s) or the Authority you shall
respond to this subpoena as directed.

Guy M. Hicks
Joelle J. Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300
615/214-6301

Date of Issuance: 12/2/03

Richard Collier
Richard Collier, General Counsel
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243

MATTERS UPON WHICH EXAMINATION IS REQUESTED
PURSUANT TO T.C.A. §§ 4-5-311 and 65-2-102

1. Affirm or deny that you have self-provided high capacity transport facilities that you own (i.e., any DS3 or greater facilities, including dark fiber) that provide transport along a route between a pair of ILEC central offices or wire centers in each/any of the nine Southeastern states for use in your own operations. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each central office of the pair and be operationally ready to provide transport into or out of each office of the pair. Answer this question in the affirmative if you are self-providing such facilities For purposes of this question, you “own” transport facilities if (i) you have legal title to the facility; or (ii) if you have obtained dark fiber under a long term (10 or more years) IRU and have attached your own optronics to light the facility. Facilities obtained through any other means, including but not limited to special access, unbundled network elements or other services or facilities obtained from third parties, should not be included in this response.

Sample Form for Response to Question 1								
AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm								
Deny								

2. Affirm or deny that you offer to carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that you own that provide a route between a pair of ILEC central offices or wire centers, to one or more pair of wire centers, in each/any of the nine states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair. Answer this question in the affirmative if you are offering such facilities. For purposes of this question, you “own” a facility (i) if you have legal title to the facility, or (ii) if you have obtained on an unbundled, leased or purchased basis dark fiber and have attached your own optronics to light the facility and are serving customers using the facility. Facilities obtained through any other means, including but not limited to special access, other unbundled network elements or other services obtained from third parties, should not be included in this response.

[illegible]

3. Affirm or deny whether you have acquired on a wholesale basis from a third party (other than the ILEC or a CLEC that is a party to this proceeding) DS1, DS3, or dark fiber transport between two or more ILEC central offices in each/any of the Southeastern states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6)) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair.

Sample Form for Response to Question 3									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

4. For each state in Question 1 that you answered in the affirmative (that you have deployed or self-provide high capacity transport for use in your own operations), provide a list of all the paired ILEC CO to ILEC CO routes on which you have deployed such facilities identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your self-provided transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code for the collocation arrangement.
- c. Whether your self-provided transport facilities are provisioned entirely on facilities you own (as defined in Question 1).
- d. If any of your self-provided transport facilities include facilities obtained through third parties (Yes, No); if your response is yes, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are able to immediately provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

5. For each state in Question 2 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher, or dark fiber capacity transport) provide a list of all ILEC CO to ILEC CO routes along which you provide such transport identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up the end points of each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your wholesale transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code of the collocation arrangement.
- c. Whether your wholesale transport services are provisioned entirely on facilities you own (as defined in Question 2).
- d. If any of your self-provided transport facilities include facilities obtained through third parties, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are willing and able immediately to provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

6. For each state in Question 3 that you answered in the affirmative (that you have acquired on a wholesale basis DS1, DS3 or higher, or dark fiber transport), provide the following in electronic format using the worksheet related to both self-provided (the Question 4 spreadsheet) and wholesale facilities (the Question 5 spreadsheet):

- a. The CLLI codes of the ILEC wire centers or COs of the starting and ending points of the transport routes;
- b. The name of the carrier or company from whom you received or purchased the transport;
- c. Whether you are operationally ready to provide transport using these facilities; and
- d. The capacity deployed and the capacity active on the route as of September 30, 2003.

7. If, in response to Questions 4 and 5, you denied any of the specified characteristics, explain in detail the basis for your response. For example, if your wholesale operations are affiliated with another provider, state the name of the provider with whom you are affiliated. State also whether there are other limitations on your wholesale operations; if so, describe in detail any such limitations.

[illegible][illegible]

10. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of retail services to your customers, to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 8 above should not be included in this response.

Sample Response Form-Question 10: 3 rd Party facilities leased for providing retail service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

11. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of services on a wholesale basis to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 9 above should not be included in this response.

Sample Response Form-Question 11: 3 rd Party facilities leased for reselling as wholesale service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

12. For each state in Question 8 and 10 that you answered in the affirmative (that you have self-provided or obtained from a third party other than the ILEC or a CLEC that is a party to this proceeding high capacity loops or dark fiber for use in your own operations in providing retail service to your customers) provide a list of the customer locations to which you have deployed such loops, (in electronic format using the attached spreadsheets) identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc., from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve

customers and explain any and all actions you have taken to address such restrictions.

- f. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

13. For each state in Questions 9 and 11 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher capacity loops) provide a list of the customer locations to which you have provided such loops (in electronic format using the attached spreadsheets), identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the location from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis or UNE basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve customers and explain any and all actions you have taken to eliminate such restrictions.
- f. Indicate whether other carriers have access to these wholesale facilities at a technically feasible point (e.g., manhole, meet point, collocation, etc).
- g. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

14. List all BellSouth wire centers in the Southeastern states where you have collocation, either virtual or physical. In Microsoft Excel format, list the 11-character wire center CLLI code and the CLLI code designating each arrangement you have within that wire center. For each wire center listed identify:

- a. The type of collocation (caged, cageless, shared, virtual, other (with a description)) and identify the total amount of space currently occupied and reserved for future growth;
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

- d. The amount of unused or excess space in each collocation space.
- e. The number of active and inactive DS1 cross connects
- f. The number of active and inactive DS3 Cross-connects
- g. The number of active and inactive 2-fiber cross-connects
- h. The number of active and inactive 4-fiber cross-connects.
- i. State whether you have deployed fiber "entrance" facilities that you own which connect to the collocation arrangements identified.
- j. State whether you have fiber "entrance" facilities that you have obtained from a person other than BellSouth which connect to the collocation arrangements identified.
- k. State whether you have fiber cross-connects which connect the identified arrangement(s) to other persons collocated at the same wire center. If yes, (i) identify all carriers to which your arrangements are connected within the wire center; and (ii) identify the capacity or type of connection.

15. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states to which you have deployed high capacity transport facilities that are operationally ready to provide dedicated transport along a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. *This interrogatory varies from Interrogatory No. 1 in this docket as it seeks wire centers/central offices even if you are not actually providing transport from the locations; it also seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the IXC transport route should be identified:*

BST wire center→IXC POP←→IXC POP→BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;
- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement
- d. The total active capacity and number of fiber strands deployed as of the most recent date available;
- e. The type of facility (e.g., fiber, coaxial cable, etc.).

16. For each central office/wire center identified in response to Interrogatory No. 15:

- a. Are your transport facilities operationally ready to provide dedicated transport between the central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central offices on the list that does not satisfy part (a) and explain with particularity why not.

17. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states from which you offer to other carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that provide a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 2 in this docket as it seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the transport route between IXC – points of presence ("POP") should be identified:

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;

- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

17. For each central office/wire center identified in response to Interrogatory No. 16:

- a. Are you willing and able immediately to provide high capacity transport, on a wholesale basis, over transport facilities between the wire central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central office/wire center on the list that does not satisfy part (a) and explain with particularity why not.

18. Identify the points within all Southeastern states at which you connect your local network facilities to the networks of other carriers, including but not limited to interconnection with other CLECs, interexchange carriers, internet service providers at any point of presence ("POP"), network access point ("NAP"), collocation hotels, data centers, or similar facility. This interrogatory may be answered with network diagrams.

19. Identify the points within all Southeastern states at which you connect your local network facilities to BellSouth's network, including but not limited to any and all points of presence ("POP"). This interrogatory may be answered with network diagrams.

20. On an MSA-specific basis, in the southern states please describe with specificity the configuration of your transport and/or loop facilities; including, but not limited to: (a) the configuration of your facilities (e.g., point to point or ring configuration); (b) the customer specific locations that are accessible from your facilities; and (c) a list of all customer units accessible in a multi-tenant building.

21. Provide a list of all fiber rings in the Southeastern states you own or control and identify the location (by street address) of each add-drop multiplexer or comparable facility for connection other transport facilities (e.g., wire centers, loops, other fiber rings) to the fiber ring.

22. Identify each shared or non-BellSouth location (e.g., collocation hotel) in the Southeastern states in which you are located. For each such location state:

- a. The type of collocation or sharing/leasing of space for placement of equipment (e.g., caged, cageless, shared, or virtual);
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching

provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

23. For each arrangement identified in response to Interrogatory 22 and in response to Interrogatory 15, please list the types of services that are provided utilizing such an arrangement.

- a. List all types of services you offer to your end users from each collocation space describe or demand and the quantity of each service you provide and/or offer.
- b. For each service identified in (a), list the average monthly revenue associated with each type of service.

24. Provide a list of all customer locations in each/any of the Southeastern states at which you have deployed high capacity loop facilities (DS3 or greater facilities, including dark fiber) that you own and where you are serving customers using those facilities. *This interrogatory varies from Interrogatory No. 8 in this docket as it is not limited to loop facilities solely used to provide retail service.* For each customer location, identify:

- a. The RSAG valid address of the customer location;
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc. from which the loop is extended to the customer location (by 11 character CLLI);
- c. Whether you have the unrestricted ability to serve all customers at that location, if the location is a multi-tenant location. If not, explain with particularity why not, including any restrictions on your ability to serve customers and the steps you have taken to address such restrictions.
- d. The total active capacity and the number of fiber strands on your facilities at the specific customer locations using the most recent data available;
- e. Whether your facilities are operationally ready to provide DS3 loops at the specific customer location.

25. Describe with particularity all factors you consider when deciding whether to extend high capacity loop or transport facilities to:

- a. pick up additional traffic;
- b. pick up additional or new customers;
- c. pick up additional or new buildings.

REQUESTS FOR PRODUCTION

1. Produce any maps and/or diagrams that illustrate the most current information available for the physical location of your high capacity transport and/or loop facilities within the Southeastern states.

2. Produce any documents identified in response to BellSouth's First or Second Set of Interrogatories.

3. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your actual or planned deployment of high capacity transport and/or loop facilities within the Southeastern states.

4. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your obtaining high capacity transport and/or loop facilities from other persons.

5. Produce all documents from 2000 to present referring or relating to how you determine whether or not to deploy high capacity transport and/or loop facilities.

DEFINITIONS

1. "You" and "your" refers to Interstate Fibernet, Inc. as well as any predecessors in interest, parent(s), subsidiaries, and affiliates, their present and former officers, employees, agents, directors, and all other persons acting or purporting to act on behalf of Interstate Fibernet, Inc..
2. "Affiliate" is defined as found in the Telecommunications Act of 1996. Section 3 of the Act defines the term "affiliate" as "a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term 'own' means to own an equity interest (or the equivalent thereof) of more than 10 percent." 47 U.S.C. § 153(1).
3. "Southeastern states" include the following states: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.
4. "DS3 transport" refers to transmission facilities with a total digital signal speed of 44.736 Mbps provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
5. "DS3 loop facilities" refer to a digital loop having a total signal speed of 44.736 megabytes per second provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
6. "DS1 transport" refers to transmission facilities with a total digital signal speed of 1.544 Mbps provided over various transmission media including, but not limited to, copper, fiber optics, coaxial cable, wireless, radio, and power line facilities.
7. "DS1 loop facilities" refer to a digital loop having a total signal speed of 1.544 megabytes per second provided over various transmission media including, but not limited to, two-wire and four-wire copper, coaxial cable, fiber optics, wireless, radio, and power line facilities.
8. "Dark fiber transport" refers to optical transmission facilities without activated electronics, through which no light is transmitted and no signal is carried.
9. "Dark fiber" refers to optical transmission facilities without attached electronics, through which no light is transmitted and no signal is carried.
10. "Optronics" refers to equipment, materials, and devices that are attached to dark fiber for the purpose of lighting the fiber to carry a signal to serve customers.
11. "IRU" refers to an indefeasible right of use, or a type of arrangement that conveys a right to use particular facilities for a specified amount of time that cannot be arbitrarily changed or altered.

12. "High capacity" refers to transmission facilities with a total digital signal speed of DS1 or higher.

13. "CLLI code" refers to the Common Language Location Identifier that is an 11-character alphanumeric code that identifies a specific physical location or specific piece of equipment at a physical location.

14. "ILEC CO" refers to BellSouth central offices.

15. "ILEC Wire Center" refers to a BellSouth building housing one or more switches.

16. "ILEC" refers to BellSouth.

17. "RSAG valid address" refers to the address of each customer location as it appears in RSAG (Regional Street Address Guide) or in any other telecommunications industry database, if known.

LIST OF PARTIES TO THIS PROCEEDING

Access Integrated Networks, Inc.
AT&T Communications of the South Central States, LLC
Birch Telecom of the South, Inc.
Brooks Fiber Communications of Tennessee, Inc.
Business Telecom, Inc.
Cinergy Communications Company
Citizens Telecommunications Company of Tennessee, LLC
Competitive Carriers of the South, Inc.
DIECA Communications, Inc. dba Covad Communications Company
ITC^DeltaCom Communications of the South Central States, Inc.
Electric Power Board of Chattanooga
IDS Telecom, LLC
KMC Telecom III, LLC
MCI WorldCom Communications, Inc.
MCImetro Access Transmission Services, LLC
Network Telephone Corporation
NewSouth Communications Corp.
Nuvox Communications, Inc.
Qwest Communications, Inc.
Sprint Communications Company, LP
TalkAmerica, Inc.
Time Warner Telecommunications of the MidSouth, LLC
United Telephone-Southeast, Inc.
Xspedius Communications

Z-Tel Communications

State:

[illegible]

Question 4 Spreadsheet Self-provisioned Transport Page 2: Collocation Access

Wire Center "A"				Wire Center "Z"			
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"		

State:

[illegible]

Question 5 Wholesale Transport Information Spreadsheet Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Self-Provisioned Retail Loop Information Spreadsheet, page 1

State: _____

Customer Address			CLI from which loop extends	Reporting Company Name	Facility wholly owned (Yes, No)	If No, third party facility vendor	Dark Fiber from BellSouth on IRU basis (Yes, No)	Can serve all at location (Yes, No)	If No, indicate line # Ref, Pg 2	Capacity In-Service		Total Capacity Deployed	
RSAG Valid Address (Street name and number, directions)	City	Zip								DS3	Fibers	DS3	Fibers

Self-Provisioned Retail Loop Information Spreadsheet page 2
Retail Loop Premises Access

Customer Address			Barrier to access	Steps taken to remove barrier
Address	City	Zip		
(Street name and number, directional)				

[illegible]

Wholesale Loop Information Spreadsheet page 2
Wholesale Loop Premises Access

Customer Address			Barrier to access	Steps taken to remove barrier
Address	City	Zip		
(Street name and number, directional)				

BellSouth Telecommunications, Inc.
Suite 2101
333 Commerce Street
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

Guy M. Hicks
General Counsel

615 214-6301
Fax 615 214-7406

December 2, 2003

Knology of Nashville, Inc.
Corporation Service Company
2908 Poston Avenue
Nashville, TN 37203

Re: *Implementation of the Federal Communications Commission's Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*
Docket No. 03-00527

Dear Registered Agent:

Attached is a Subpoena *Duces Tecum* for Deposition issued by the Tennessee Regulatory Authority. Also attached is a Protective Order that is expected to be entered by the Tennessee Regulatory Authority, or its Hearing Officer, in this proceeding. Paragraph 13 of the Protective Order provides that:

13. Non-party witnesses, including entities responding to subpoenas, data requests or other third party discovery propounded by parties or the TRA, shall be entitled to invoke the provisions of this Order by designating information disclosed or documents produced for use in this action as CONFIDENTIAL in which event the provisions of this Order shall govern the disclosure of information or documents provided by the non-party witness. A non-party witness' designation of information as confidential may be challenged under Paragraph 11 of this Order.

If the recipient of this Subpoena provides information which is fully and completely responsive to the Subpoena by BellSouth by **December 16, 2003**, BellSouth will agree to dispense with the oral deposition. Please contact Carolyn Hanesworth at 615/214-6324 to make any necessary arrangements regarding the scheduling of depositions.

If you wish to receive a copy of the subpoena by e-mail, please provide Ms. Hanesworth with your e-mail address. You may call 615/214-6324 or send your request via e-mail to carolyn.hanesworth@bellsouth.com.

Very truly yours,



Guy M. Hicks

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Implementation of the Federal Communications Commission's
Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*

Docket No. 03-00527

SUBPOENA DUCES TECUM FOR DEPOSITION

To: Knology of Nashville, Inc., Corporation Service Company, 2908 Poston
Avenue, Nashville, TN 37203

YOU ARE COMMANDED to appear before a person authorized by law to
take depositions at the offices BellSouth Telecommunications, Inc., 333 Commerce
Street, Suite, 2101, Nashville, TN 37201 on December 16, 2003, at 2:00 p.m. to
testify in this action, and to have with you at that time and place the following:

1. Documents reflecting your ownership and use of high capacity loop
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These items will be inspected and may be copied at that time. You will not
be required to surrender the original items.

YOU ARE SUBPOENAED to appear by the following attorney(s) and, unless
excused from this subpoena by these attorney(s) or the Authority you shall
respond to this subpoena as directed.

Guy M. Hicks
Joelle J. Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300
615/214-6301

Date of Issuance: 12/2/03

Richard Collier
Richard Collier, General Counsel
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243

MATTERS UPON WHICH EXAMINATION IS REQUESTED
PURSUANT TO T.C.A. §§ 4-5-311 and 65-2-102

1. Affirm or deny that you have self-provided high capacity transport facilities that you own (i.e., any DS3 or greater facilities, including dark fiber) that provide transport along a route between a pair of ILEC central offices or wire centers in each/any of the nine Southeastern states for use in your own operations. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each central office of the pair and be operationally ready to provide transport into or out of each office of the pair. Answer this question in the affirmative if you are self-providing such facilities. For purposes of this question, you "own" transport facilities if (i) you have legal title to the facility; or (ii) if you have obtained dark fiber under a long term (10 or more years) IRU and have attached your own optronics to light the facility. Facilities obtained through any other means, including but not limited to special access, unbundled network elements or other services or facilities obtained from third parties, should not be included in this response.

Sample Form for Response to Question 1									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

2. Affirm or deny that you offer to carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that you own that provide a route between a pair of ILEC central offices or wire centers, to one or more pair of wire centers, in each/any of the nine states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair. Answer this question in the affirmative if you are offering such facilities. For purposes of this question, you "own" a facility (i) if you have legal title to the facility, or (ii) if you have obtained on an unbundled, leased or purchased basis dark fiber and have attached your own optronics to light the facility and are serving customers using the facility. Facilities obtained through any other means, including but not limited to special access, other unbundled network elements or other services obtained from third parties, should not be included in this response.

Sample Form for Response to Question 2									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

3. Affirm or deny whether you have acquired on a wholesale basis from a third party (other than the ILEC or a CLEC that is a party to this proceeding) DS1, DS3, or dark fiber transport between two or more ILEC central offices in each/any of the Southeastern states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6)) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair.

Sample Form for Response to Question 3									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

4. For each state in Question 1 that you answered in the affirmative (that you have deployed or self-provide high capacity transport for use in your own operations), provide a list of all the paired ILEC CO to ILEC CO routes on which you have deployed such facilities identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your self-provided transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code for the collocation arrangement.
- c. Whether your self-provided transport facilities are provisioned entirely on facilities you own (as defined in Question 1).
- d. If any of your self-provided transport facilities include facilities obtained through third parties (Yes, No); if your response is yes, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are able to immediately provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

5. For each state in Question 2 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher, or dark fiber capacity transport) provide a list of all ILEC CO to ILEC CO routes along which you provide such transport identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up the end points of each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your wholesale transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code of the collocation arrangement.
- c. Whether your wholesale transport services are provisioned entirely on facilities you own (as defined in Question 2).
- d. If any of your self-provided transport facilities include facilities obtained through third parties, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are willing and able immediately to provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

6. For each state in Question 3 that you answered in the affirmative (that you have acquired on a wholesale basis DS1, DS3 or higher, or dark fiber transport), provide the following in electronic format using the worksheet related to both self-provided (the Question 4 spreadsheet) and wholesale facilities (the Question 5 spreadsheet):

- a. The CLLI codes of the ILEC wire centers or COs of the starting and ending points of the transport routes;
- b. The name of the carrier or company from whom you received or purchased the transport;
- c. Whether you are operationally ready to provide transport using these facilities; and
- d. The capacity deployed and the capacity active on the route as of September 30, 2003.

7. If, in response to Questions 4 and 5, you denied any of the specified characteristics, explain in detail the basis for your response. For example, if your wholesale operations are affiliated with another provider, state the name of the provider with whom you are affiliated. State also whether there are other limitations on your wholesale operations; if so, describe in detail any such limitations.

[illegible][illegible]

10. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of retail services to your customers, to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 8 above should not be included in this response.

Sample Response Form-Question 10: 3 rd Party facilities leased for providing retail service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

11. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of services on a wholesale basis to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 9 above should not be included in this response.

Sample Response Form-Question 11: 3 rd Party facilities leased for reselling as wholesale service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

12. For each state in Question 8 and 10 that you answered in the affirmative (that you have self-provided or obtained from a third party other than the ILEC or a CLEC that is a party to this proceeding high capacity loops or dark fiber for use in your own operations in providing retail service to your customers) provide a list of the customer locations to which you have deployed such loops, (in electronic format using the attached spreadsheets) identifying:

- The RSAG valid address of each customer location.
- The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc., from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis (Yes, No).
- Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve

customers and explain any and all actions you have taken to address such restrictions.

- f. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

13. For each state in Questions 9 and 11 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher capacity loops) provide a list of the customer locations to which you have provided such loops (in electronic format using the attached spreadsheets), identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the location from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis or UNE basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve customers and explain any and all actions you have taken to eliminate such restrictions.
- f. Indicate whether other carriers have access to these wholesale facilities at a technically feasible point (e.g., manhole, meet point, collocation, etc).
- g. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

14. List all BellSouth wire centers in the Southeastern states where you have collocation, either virtual or physical. In Microsoft Excel format, list the 11-character wire center CLLI code and the CLLI code designating each arrangement you have within that wire center. For each wire center listed identify:

- a. The type of collocation (caged, cageless, shared, virtual, other (with a description)) and identify the total amount of space currently occupied and reserved for future growth;
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

- d. The amount of unused or excess space in each collocation space.
- e. The number of active and inactive DS1 cross connects
- f. The number of active and inactive DS3 Cross-connects
- g. The number of active and inactive 2-fiber cross-connects
- h. The number of active and inactive 4-fiber cross-connects.
- i. State whether you have deployed fiber "entrance" facilities that you own which connect to the collocation arrangements identified.
- j. State whether you have fiber "entrance" facilities that you have obtained from a person other than BellSouth which connect to the collocation arrangements identified.
- k. State whether you have fiber cross-connects which connect the identified arrangement(s) to other persons collocated at the same wire center. If yes, (i) identify all carriers to which your arrangements are connected within the wire center; and (ii) identify the capacity or type of connection.

15. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states to which you have deployed high capacity transport facilities that are operationally ready to provide dedicated transport along a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 1 in this docket as it seeks wire centers/central offices even if you are not actually providing transport from the locations; it also seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the IXC transport route should be identified:

BST wire center→IXC POP←→IXC POP→BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;
- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement
- d. The total active capacity and number of fiber strands deployed as of the most recent date available;
- e. The type of facility (e.g., fiber, coaxial cable, etc.).

16. For each central office/wire center identified in response to Interrogatory No. 15:

- a. Are your transport facilities operationally ready to provide dedicated transport between the central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central offices on the list that does not satisfy part (a) and explain with particularity why not.

17. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states from which you offer to other carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that provide a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 2 in this docket as it seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the transport route between IXC – points of presence ("POP") should be identified:

BST wire center→IXC POP←→IXC POP→BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;

- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

17. For each central office/wire center identified in response to Interrogatory No. 16:

- a. Are you willing and able immediately to provide high capacity transport, on a wholesale basis, over transport facilities between the wire central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central office/wire center on the list that does not satisfy part (a) and explain with particularity why not.

18. Identify the points within all Southeastern states at which you connect your local network facilities to the networks of other carriers, including but not limited to interconnection with other CLECs, interexchange carriers, internet service providers at any point of presence ("POP"), network access point ("NAP"), collocation hotels, data centers, or similar facility. This interrogatory may be answered with network diagrams.

19. Identify the points within all Southeastern states at which you connect your local network facilities to BellSouth's network, including but not limited to any and all points of presence ("POP"). This interrogatory may be answered with network diagrams.

20. On an MSA-specific basis, in the southern states please describe with specificity the configuration of your transport and/or loop facilities; including, but not limited to: (a) the configuration of your facilities (e.g., point to point or ring configuration); (b) the customer specific locations that are accessible from your facilities; and (c) a list of all customer units accessible in a multi-tenant building.

21. Provide a list of all fiber rings in the Southeastern states you own or control and identify the location (by street address) of each add-drop multiplexer or comparable facility for connection other transport facilities (e.g., wire centers, loops, other fiber rings) to the fiber ring.

22. Identify each shared or non-BellSouth location (e.g., collocation hotel) in the Southeastern states in which you are located. For each such location state:

- a. The type of collocation or sharing/leasing of space for placement of equipment (e.g., caged, cageless, shared, or virtual);
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching

provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

23. For each arrangement identified in response to Interrogatory 22 and in response to Interrogatory 15, please list the types of services that are provided utilizing such an arrangement.

- a. List all types of services you offer to your end users from each collocation space describe or demand and the quantity of each service you provide and/or offer.
- b. For each service identified in (a), list the average monthly revenue associated with each type of service.

24. Provide a list of all customer locations in each/any of the Southeastern states at which you have deployed high capacity loop facilities (DS3 or greater facilities, including dark fiber) that you own and where you are serving customers using those facilities. *This interrogatory varies from Interrogatory No. 8 in this docket as it is not limited to loop facilities solely used to provide retail service.* For each customer location, identify:

- a. The RSAG valid address of the customer location;
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc. from which the loop is extended to the customer location (by 11 character CLLI);
- c. Whether you have the unrestricted ability to serve all customers at that location, if the location is a multi-tenant location. If not, explain with particularity why not, including any restrictions on your ability to serve customers and the steps you have taken to address such restrictions.
- d. The total active capacity and the number of fiber strands on your facilities at the specific customer locations using the most recent data available;
- e. Whether your facilities are operationally ready to provide DS3 loops at the specific customer location.

25. Describe with particularity all factors you consider when deciding whether to extend high capacity loop or transport facilities to:

- a. pick up additional traffic;
- b. pick up additional or new customers;
- c. pick up additional or new buildings.

REQUESTS FOR PRODUCTION

1. Produce any maps and/or diagrams that illustrate the most current information available for the physical location of your high capacity transport and/or loop facilities within the Southeastern states.

2. Produce any documents identified in response to BellSouth's First or Second Set of Interrogatories.

3. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your actual or planned deployment of high capacity transport and/or loop facilities within the Southeastern states.

4. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your obtaining high capacity transport and/or loop facilities from other persons.

5. Produce all documents from 2000 to present referring or relating to how you determine whether or not to deploy high capacity transport and/or loop facilities.

DEFINITIONS

1. "You" and "your" refers to Knology of Nashville, Inc. as well as any predecessors in interest, parent(s), subsidiaries, and affiliates, their present and former officers, employees, agents, directors, and all other persons acting or purporting to act on behalf of Knology of Nashville, Inc..
2. "Affiliate" is defined as found in the Telecommunications Act of 1996. Section 3 of the Act defines the term "affiliate" as "a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term 'own' means to own an equity interest (or the equivalent thereof) of more than 10 percent." 47 U.S.C. § 153(1).
3. "Southeastern states" include the following states: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.
4. "DS3 transport" refers to transmission facilities with a total digital signal speed of 44.736 Mbps provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
5. "DS3 loop facilities" refer to a digital loop having a total signal speed of 44.736 megabytes per second provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
6. "DS1 transport" refers to transmission facilities with a total digital signal speed of 1.544 Mbps provided over various transmission media including, but not limited to, copper, fiber optics, coaxial cable, wireless, radio, and power line facilities.
7. "DS1 loop facilities" refer to a digital loop having a total signal speed of 1.544 megabytes per second provided over various transmission media including, but not limited to, two-wire and four-wire copper, coaxial cable, fiber optics, wireless, radio, and power line facilities.
8. "Dark fiber transport" refers to optical transmission facilities without activated electronics, through which no light is transmitted and no signal is carried.
9. "Dark fiber" refers to optical transmission facilities without attached electronics, through which no light is transmitted and no signal is carried.
10. "Optronics" refers to equipment, materials, and devices that are attached to dark fiber for the purpose of lighting the fiber to carry a signal to serve customers.
11. "IRU" refers to an indefeasible right of use, or a type of arrangement that conveys a right to use particular facilities for a specified amount of time that cannot be arbitrarily changed or altered.

12. "High capacity" refers to transmission facilities with a total digital signal speed of DS1 or higher.

13. "CLLI code" refers to the Common Language Location Identifier that is an 11-character alphanumeric code that identifies a specific physical location or specific piece of equipment at a physical location.

14. "ILEC CO" refers to BellSouth central offices.

15. "ILEC Wire Center" refers to a BellSouth building housing one or more switches.

16. "ILEC" refers to BellSouth.

17. "RSAG valid address" refers to the address of each customer location as it appears in RSAG (Regional Street Address Guide) or in any other telecommunications industry database, if known.

LIST OF PARTIES TO THIS PROCEEDING

Access Integrated Networks, Inc.
AT&T Communications of the South Central States, LLC
Birch Telecom of the South, Inc.
Brooks Fiber Communications of Tennessee, Inc.
Business Telecom, Inc.
Cinergy Communications Company
Citizens Telecommunications Company of Tennessee, LLC
Competitive Carriers of the South, Inc.
DIECA Communications, Inc. dba Covad Communications Company
ITC^DeltaCom Communications of the South Central States, Inc.
Electric Power Board of Chattanooga
IDS Telecom, LLC
KMC Telecom III, LLC
MCI WorldCom Communications, Inc.
MCImetro Access Transmission Services, LLC
Network Telephone Corporation
NewSouth Communications Corp.
Nuvox Communications, Inc.
Qwest Communications, Inc.
Sprint Communications Company, LP
TalkAmerica, Inc.
Time Warner Telecommunications of the MidSouth, LLC
United Telephone-Southeast, Inc.
Xspedius Communications

Z-Tel Communications

State:

[illegible]

Question 4 Spreadsheet Self-provisioned Transport Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

State:

[illegible]

Question 5 Wholesale Transport Information Spreadsheet Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Self-Provisioned Retail Loop Information Spreadsheet, page 1

State: _____

Customer Address		CLI from which loop extends	Reporting Company Name	Facility wholly owned (Yes, No)	If No, third party facility vendor	Dark Fiber from BellSouth on IPU basis (Yes, No)	Can serve all at location (Yes, No)	If No, indicate line # Ref, Pg 2	Capacity In-Service		Total Capacity Deployed	
City	Zip								DS3	Fibers	DS3	Fibers
RSAG Valid Address (Street name and number, directional)												

Self-Provisioned Retail Loop Information Spreadsheet page 2
Retail Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip		Barrier to access	Steps taken to remove barrier

[illegible]

Wholesale Loop Information Spreadsheet page 2
Wholesale Loop Premises Access

Customer Address	City	Zip	Address (Street name and number, directional)		

BellSouth Telecommunications, Inc.
Suite 2101
333 Commerce Street
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

Guy M. Hicks
General Counsel

615 214-6301
Fax 615 214-7406

December 2, 2003

Knology of Tennessee, Inc.
Corporation Service Company
2908 Poston Avenue
Nashville, TN 37203

Re: *Implementation of the Federal Communications Commission's Triennial
Review Order (Nine-month Proceeding)(Loop & Transport)*
Docket No. 03-00527

Dear Registered Agent:

Attached is a Subpoena *Duces Tecum* for Deposition issued by the Tennessee Regulatory Authority. Also attached is a Protective Order that is expected to be entered by the Tennessee Regulatory Authority, or its Hearing Officer, in this proceeding. Paragraph 13 of the Protective Order provides that:

13. Non-party witnesses, including entities responding to subpoenas, data requests or other third party discovery propounded by parties or the TRA, shall be entitled to invoke the provisions of this Order by designating information disclosed or documents produced for use in this action as CONFIDENTIAL in which event the provisions of this Order shall govern the disclosure of information or documents provided by the non-party witness. A non-party witness' designation of information as confidential may be challenged under Paragraph 11 of this Order.

If the recipient of this Subpoena provides information which is fully and completely responsive to the Subpoena by BellSouth by **December 16, 2003**, BellSouth will agree to dispense with the oral deposition. Please contact Carolyn Hanesworth at 615/214-6324 to make any necessary arrangements regarding the scheduling of depositions.

If you wish to receive a copy of the subpoena by e-mail, please provide Ms. Hanesworth with your e-mail address. You may call 615/214-6324 or send your request via e-mail to carolyn.hanesworth@bellsouth.com.

Very truly yours,

A handwritten signature in black ink, appearing to read "Guy M. Hicks", with a long, sweeping horizontal stroke extending to the right.

Guy M. Hicks

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Implementation of the Federal Communications Commission's
Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*

Docket No. 03-00527

SUBPOENA DUCES TECUM FOR DEPOSITION

To: Knology of Tennessee, Inc., Corporation Service Company, 2908 Poston
Avenue, Nashville, TN 37203

YOU ARE COMMANDED to appear before a person authorized by law to
take depositions at the offices BellSouth Telecommunications, Inc., 333 Commerce
Street, Suite, 2101, Nashville, TN 37201 on December 16, 2003, at 2:00 p.m. to
testify in this action, and to have with you at that time and place the following:

1. Documents reflecting your ownership and use of high capacity loop
and transport facilities, including high capacity loop and transport
facilities that might be used by other carriers to provide services to
customers in Tennessee.
2. All information set forth in the Attachment, "Matters upon which
examination is requested per T.C.A. §§ 4-5-311 and 65-2-102."

These items will be inspected and may be copied at that time. You will not
be required to surrender the original items.

YOU ARE SUBPOENAED to appear by the following attorney(s) and, unless
excused from this subpoena by these attorney(s) or the Authority you shall
respond to this subpoena as directed.

Guy M. Hicks
Joelle J. Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300
615/214-6301

Date of Issuance: 12/2/03

Richard Collier

Richard Collier, General Counsel
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243

MATTERS UPON WHICH EXAMINATION IS REQUESTED
PURSUANT TO T.C.A. §§ 4-5-311 and 65-2-102

1. Affirm or deny that you have self-provided high capacity transport facilities that you own (i.e., any DS3 or greater facilities, including dark fiber) that provide transport along a route between a pair of ILEC central offices or wire centers in each/any of the nine Southeastern states for use in your own operations. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each central office of the pair and be operationally ready to provide transport into or out of each office of the pair. Answer this question in the affirmative if you are self-providing such facilities. For purposes of this question, you "own" transport facilities if (i) you have legal title to the facility; or (ii) if you have obtained dark fiber under a long term (10 or more years) IRU and have attached your own optronics to light the facility. Facilities obtained through any other means, including but not limited to special access, unbundled network elements or other services or facilities obtained from third parties, should not be included in this response.

[illegible]

2. Affirm or deny that you offer to carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that you own that provide a route between a pair of ILEC central offices or wire centers, to one or more pair of wire centers, in each/any of the nine states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair. Answer this question in the affirmative if you are offering such facilities. For purposes of this question, you “own” a facility (i) if you have legal title to the facility, or (ii) if you have obtained on an unbundled, leased or purchased basis dark fiber and have attached your own optronics to light the facility and are serving customers using the facility. Facilities obtained through any other means, including but not limited to special access, other unbundled network elements or other services obtained from third parties, should not be included in this response.

[illegible]

3. Affirm or deny whether you have acquired on a wholesale basis from a third party (other than the ILEC or a CLEC that is a party to this proceeding) DS1, DS3, or dark fiber transport between two or more ILEC central offices in each/any of the Southeastern states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6)) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair.

Sample Form for Response to Question 3									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

4. For each state in Question 1 that you answered in the affirmative (that you have deployed or self-provide high capacity transport for use in your own operations), provide a list of all the paired ILEC CO to ILEC CO routes on which you have deployed such facilities identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your self-provided transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code for the collocation arrangement.
- c. Whether your self-provided transport facilities are provisioned entirely on facilities you own (as defined in Question 1).
- d. If any of your self-provided transport facilities include facilities obtained through third parties (Yes, No); if your response is yes, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are able to immediately provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

5. For each state in Question 2 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher, or dark fiber capacity transport) provide a list of all ILEC CO to ILEC CO routes along which you provide such transport identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up the end points of each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your wholesale transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code of the collocation arrangement.
- c. Whether your wholesale transport services are provisioned entirely on facilities you own (as defined in Question 2).
- d. If any of your self-provided transport facilities include facilities obtained through third parties, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are willing and able immediately to provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

6. For each state in Question 3 that you answered in the affirmative (that you have acquired on a wholesale basis DS1, DS3 or higher, or dark fiber transport), provide the following in electronic format using the worksheet related to both self-provided (the Question 4 spreadsheet) and wholesale facilities (the Question 5 spreadsheet):

- a. The CLLI codes of the ILEC wire centers or COs of the starting and ending points of the transport routes;
- b. The name of the carrier or company from whom you received or purchased the transport;
- c. Whether you are operationally ready to provide transport using these facilities; and
- d. The capacity deployed and the capacity active on the route as of September 30, 2003.

7. If, in response to Questions 4 and 5, you denied any of the specified characteristics, explain in detail the basis for your response. For example, if your wholesale operations are affiliated with another provider, state the name of the provider with whom you are affiliated. State also whether there are other limitations on your wholesale operations; if so, describe in detail any such limitations.

[illegible][illegible]

10. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of retail services to your customers, to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 8 above should not be included in this response.

Sample Response Form-Question 10: 3 rd Party facilities leased for providing retail service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

11. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of services on a wholesale basis to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 9 above should not be included in this response.

Sample Response Form-Question 11: 3 rd Party facilities leased for reselling as wholesale service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

12. For each state in Question 8 and 10 that you answered in the affirmative (that you have self-provided or obtained from a third party other than the ILEC or a CLEC that is a party to this proceeding high capacity loops or dark fiber for use in your own operations in providing retail service to your customers) provide a list of the customer locations to which you have deployed such loops, (in electronic format using the attached spreadsheets) identifying:

- The RSAG valid address of each customer location.
- The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc., from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis (Yes, No).
- Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve

customers and explain any and all actions you have taken to address such restrictions.

- f. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

13. For each state in Questions 9 and 11 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher capacity loops) provide a list of the customer locations to which you have provided such loops (in electronic format using the attached spreadsheets), identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the location from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis or UNE basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve customers and explain any and all actions you have taken to eliminate such restrictions.
- f. Indicate whether other carriers have access to these wholesale facilities at a technically feasible point (e.g., manhole, meet point, collocation, etc).
- g. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

14. List all BellSouth wire centers in the Southeastern states where you have collocation, either virtual or physical. In Microsoft Excel format, list the 11-character wire center CLLI code and the CLLI code designating each arrangement you have within that wire center. For each wire center listed identify:

- a. The type of collocation (caged, cageless, shared, virtual, other (with a description)) and identify the total amount of space currently occupied and reserved for future growth;
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

- d. The amount of unused or excess space in each collocation space.
- e. The number of active and inactive DS1 cross connects
- f. The number of active and inactive DS3 Cross-connects
- g. The number of active and inactive 2-fiber cross-connects
- h. The number of active and inactive 4-fiber cross-connects.
- i. State whether you have deployed fiber "entrance" facilities that you own which connect to the collocation arrangements identified.
- j. State whether you have fiber "entrance" facilities that you have obtained from a person other than BellSouth which connect to the collocation arrangements identified.
- k. State whether you have fiber cross-connects which connect the identified arrangement(s) to other persons collocated at the same wire center. If yes, (i) identify all carriers to which your arrangements are connected within the wire center; and (ii) identify the capacity or type of connection.

15. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states to which you have deployed high capacity transport facilities that are operationally ready to provide dedicated transport along a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 1 in this docket as it seeks wire centers/central offices even if you are not actually providing transport from the locations; it also seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the IXC transport route should be identified:

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;
- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement
- d. The total active capacity and number of fiber strands deployed as of the most recent date available;
- e. The type of facility (e.g., fiber, coaxial cable, etc.).

16. For each central office/wire center identified in response to Interrogatory No. 15:

- a. Are your transport facilities operationally ready to provide dedicated transport between the central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central offices on the list that does not satisfy part (a) and explain with particularity why not.

17. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states from which you offer to other carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that provide a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. *This interrogatory varies from Interrogatory No. 2 in this docket as it seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the transport route between IXC – points of presence ("POP") should be identified:*

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;

- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.
- 17. For each central office/wire center identified in response to Interrogatory No. 16:
 - a. Are you willing and able immediately to provide high capacity transport, on a wholesale basis, over transport facilities between the wire central office/wire center identified and any other ILEC wire center on the same list?
 - b. If your responses to part (a) above is negative, identify each such the ILEC central office/wire center on the list that does not satisfy part (a) and explain with particularity why not.
- 18. Identify the points within all Southeastern states at which you connect your local network facilities to the networks of other carriers, including but not limited to interconnection with other CLECs, interexchange carriers, internet service providers at any point of presence ("POP"), network access point ("NAP"), collocation hotels, data centers, or similar facility. This interrogatory may be answered with network diagrams.
- 19. Identify the points within all Southeastern states at which you connect your local network facilities to BellSouth's network, including but not limited to any and all points of presence ("POP"). This interrogatory may be answered with network diagrams.
- 20. On an MSA-specific basis, in the southern states please describe with specificity the configuration of your transport and/or loop facilities; including, but not limited to: (a) the configuration of your facilities (e.g., point to point or ring configuration); (b) the customer specific locations that are accessible from your facilities; and (c) a list of all customer units accessible in a multi-tenant building.
- 21. Provide a list of all fiber rings in the Southeastern states you own or control and identify the location (by street address) of each add-drop multiplexer or comparable facility for connection other transport facilities (e.g., wire centers, loops, other fiber rings) to the fiber ring.
- 22. Identify each shared or non-BellSouth location (e.g., collocation hotel) in the Southeastern states in which you are located. For each such location state:
 - a. The type of collocation or sharing/leasing of space for placement of equipment (e.g., caged, cageless, shared, or virtual);
 - b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
 - c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching

provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

23. For each arrangement identified in response to Interrogatory 22 and in response to Interrogatory 15, please list the types of services that are provided utilizing such an arrangement.

- a. List all types of services you offer to your end users from each collocation space describe or demand and the quantity of each service you provide and/or offer.
- b. For each service identified in (a), list the average monthly revenue associated with each type of service.

24. Provide a list of all customer locations in each/any of the Southeastern states at which you have deployed high capacity loop facilities (DS3 or greater facilities, including dark fiber) that you own and where you are serving customers using those facilities. This interrogatory varies from Interrogatory No. 8 in this docket as it is not limited to loop facilities solely used to provide retail service. For each customer location, identify:

- a. The RSAG valid address of the customer location;
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc. from which the loop is extended to the customer location (by 11 character CLLI);
- c. Whether you have the unrestricted ability to serve all customers at that location, if the location is a multi-tenant location. If not, explain with particularity why not, including any restrictions on your ability to serve customers and the steps you have taken to address such restrictions.
- d. The total active capacity and the number of fiber strands on your facilities at the specific customer locations using the most recent data available;
- e. Whether your facilities are operationally ready to provide DS3 loops at the specific customer location.

25. Describe with particularity all factors you consider when deciding whether to extend high capacity loop or transport facilities to:

- a. pick up additional traffic;
- b. pick up additional or new customers;
- c. pick up additional or new buildings.

REQUESTS FOR PRODUCTION

1. Produce any maps and/or diagrams that illustrate the most current information available for the physical location of your high capacity transport and/or loop facilities within the Southeastern states.

2. Produce any documents identified in response to BellSouth's First or Second Set of Interrogatories.

3. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your actual or planned deployment of high capacity transport and/or loop facilities within the Southeastern states.

4. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your obtaining high capacity transport and/or loop facilities from other persons.

5. Produce all documents from 2000 to present referring or relating to how you determine whether or not to deploy high capacity transport and/or loop facilities.

DEFINITIONS

1. "You" and "your" refers to Knology of Tennessee, Inc. as well as any predecessors in interest, parent(s), subsidiaries, and affiliates, their present and former officers, employees, agents, directors, and all other persons acting or purporting to act on behalf of Knology of Tennessee, Inc..

2. "Affiliate" is defined as found in the Telecommunications Act of 1996. Section 3 of the Act defines the term "affiliate" as "a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term 'own' means to own an equity interest (or the equivalent thereof) of more than 10 percent." 47 U.S.C. § 153(1).

3. "Southeastern states" include the following states: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.

4. "DS3 transport" refers to transmission facilities with a total digital signal speed of 44.736 Mbps provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.

5. "DS3 loop facilities" refer to a digital loop having a total signal speed of 44.736 megabytes per second provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.

6. "DS1 transport" refers to transmission facilities with a total digital signal speed of 1.544 Mbps provided over various transmission media including, but not limited to, copper, fiber optics, coaxial cable, wireless, radio, and power line facilities.

7. "DS1 loop facilities" refer to a digital loop having a total signal speed of 1.544 megabytes per second provided over various transmission media including, but not limited to, two-wire and four-wire copper, coaxial cable, fiber optics, wireless, radio, and power line facilities.

8. "Dark fiber transport" refers to optical transmission facilities without activated electronics, through which no light is transmitted and no signal is carried.

9. "Dark fiber" refers to optical transmission facilities without attached electronics, through which no light is transmitted and no signal is carried.

10. "Optronics" refers to equipment, materials, and devices that are attached to dark fiber for the purpose of lighting the fiber to carry a signal to serve customers.

11. "IRU" refers to an indefeasible right of use, or a type of arrangement that conveys a right to use particular facilities for a specified amount of time that cannot be arbitrarily changed or altered.

12. "High capacity" refers to transmission facilities with a total digital signal speed of DS1 or higher.

13. "CLLI code" refers to the Common Language Location Identifier that is an 11-character alphanumeric code that identifies a specific physical location or specific piece of equipment at a physical location.

14. "ILEC CO" refers to BellSouth central offices.

15. "ILEC Wire Center" refers to a BellSouth building housing one or more switches.

16. "ILEC" refers to BellSouth.

17. "RSAG valid address" refers to the address of each customer location as it appears in RSAG (Regional Street Address Guide) or in any other telecommunications industry database, if known.

LIST OF PARTIES TO THIS PROCEEDING

Access Integrated Networks, Inc.
AT&T Communications of the South Central States, LLC
Birch Telecom of the South, Inc.
Brooks Fiber Communications of Tennessee, Inc.
Business Telecom, Inc.
Cinergy Communications Company
Citizens Telecommunications Company of Tennessee, LLC
Competitive Carriers of the South, Inc.
DIECA Communications, Inc. dba Covad Communications Company
ITC^DeltaCom Communications of the South Central States, Inc.
Electric Power Board of Chattanooga
IDS Telecom, LLC
KMC Telecom III, LLC
MCI WorldCom Communications, Inc.
MCImetro Access Transmission Services, LLC
Network Telephone Corporation
NewSouth Communications Corp.
Nuvox Communications, Inc.
Qwest Communications, Inc.
Sprint Communications Company, LP
TalkAmerica, Inc.
Time Warner Telecommunications of the MidSouth, LLC
United Telephone-Southeast, Inc.
Xspedius Communications

Z-Tel Communications

State:

[illegible]

Question 4 Spreadsheet Self-provisioned Transport Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

State:

State:

Question 5 Wholesale Transport Information Spreadsheet Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Self-Provisioned Retail Loop Information Spreadsheet, page 1

State:

Customer Address		City	Zip	CLLI from which loop extends	Reporting Company Name	Facility wholly owned (Yes, No)	If No, third party facility vendor	Dark Fiber from BellSouth on IRU basis (Yes, No)	Can serve all at location (Yes, No)	If No, Indicate line # Ref. Pg 2	Capacity In-Service		Total Capacity Deployed	
RSAG Valid Address (Street name and number, directional)											DS3	Fibers	DS3	Fibers

Self-Provisioned Retail Loop Information Spreadsheet page 2
Retail Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip	Barrier to access	Steps taken to remove barrier

Wholesale Loop Information Spreadsheet page 2
Wholesale Loop Premises Access

Customer Address	City	Zip	Steps taken to remove barrier
(Street name and number, directional)			

BellSouth Telecommunications, Inc.
Suite 2101
333 Commerce Street
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

Guy M. Hicks
General Counsel

615 214-6301
Fax 615 214-7406

December 2, 2003

Knology of Knoxville, Inc.
Corporation Service Company
2908 Poston Avenue
Nashville, TN 37203

Re: *Implementation of the Federal Communications Commission's Triennial
Review Order (Nine-month Proceeding)(Loop & Transport)*
Docket No. 03-00527

Dear Registered Agent:

Attached is a Subpoena *Duces Tecum* for Deposition issued by the Tennessee Regulatory Authority. Also attached is a Protective Order that is expected to be entered by the Tennessee Regulatory Authority, or its Hearing Officer, in this proceeding. Paragraph 13 of the Protective Order provides that:

13. Non-party witnesses, including entities responding to subpoenas, data requests or other third party discovery propounded by parties or the TRA, shall be entitled to invoke the provisions of this Order by designating information disclosed or documents produced for use in this action as CONFIDENTIAL in which event the provisions of this Order shall govern the disclosure of information or documents provided by the non-party witness. A non-party witness' designation of information as confidential may be challenged under Paragraph 11 of this Order.

If the recipient of this Subpoena provides information which is fully and completely responsive to the Subpoena by BellSouth by **December 16, 2003**, BellSouth will agree to dispense with the oral deposition. Please contact Carolyn Hanesworth at 615/214-6324 to make any necessary arrangements regarding the scheduling of depositions.

If you wish to receive a copy of the subpoena by e-mail, please provide Ms. Hanesworth with your e-mail address. You may call 615/214-6324 or send your request via e-mail to carolyn.hanesworth@bellsouth.com.

Very truly yours,


Guy M. Hicks

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Implementation of the Federal Communications Commission's
Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*

Docket No. 03-00527

SUBPOENA DUCES TECUM FOR DEPOSITION

To: Knology of Knoxville, Inc., Corporation Service Company, 2908 Poston
Avenue, Nashville, TN 37203

YOU ARE COMMANDED to appear before a person authorized by law to
take depositions at the offices BellSouth Telecommunications, Inc., 333 Commerce
Street, Suite, 2101, Nashville, TN 37201 on December 16, 2003, at 2:00 p.m. to
testify in this action, and to have with you at that time and place the following:

1. Documents reflecting your ownership and use of high capacity loop
and transport facilities, including high capacity loop and transport
facilities that might be used by other carriers to provide services to
customers in Tennessee.
2. All information set forth in the Attachment, "Matters upon which
examination is requested per T.C.A. §§ 4-5-311 and 65-2-102."

These items will be inspected and may be copied at that time. You will not
be required to surrender the original items.

YOU ARE SUBPOENAED to appear by the following attorney(s) and, unless
excused from this subpoena by these attorney(s) or the Authority you shall
respond to this subpoena as directed.

Guy M. Hicks
Joelle J. Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300
615/214-6301

Date of Issuance: 12/2/03

Richard Collier
Richard Collier, General Counsel
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243

MATTERS UPON WHICH EXAMINATION IS REQUESTED
PURSUANT TO T.C.A. §§ 4-5-311 and 65-2-102

1. Affirm or deny that you have self-provided high capacity transport facilities that you own (i.e., any DS3 or greater facilities, including dark fiber) that provide transport along a route between a pair of ILEC central offices or wire centers in each/any of the nine Southeastern states for use in your own operations. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each central office of the pair and be operationally ready to provide transport into or out of each office of the pair. Answer this question in the affirmative if you are self-providing such facilities For purposes of this question, you "own" transport facilities if (i) you have legal title to the facility; or (ii) if you have obtained dark fiber under a long term (10 or more years) IRU and have attached your own optronics to light the facility. Facilities obtained through any other means, including but not limited to special access, unbundled network elements or other services or facilities obtained from third parties, should not be included in this response.

Sample Form for Response to Question 1								
	AL	FL	GA	KY	LA	MS	NC	TN
Affirm								
Deny								

2. Affirm or deny that you offer to carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that you own that provide a route between a pair of ILEC central offices or wire centers, to one or more pair of wire centers, in each/any of the nine states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair. Answer this question in the affirmative if you are offering such facilities. For purposes of this question, you "own" a facility (i) if you have legal title to the facility, or (ii) if you have obtained on an unbundled, leased or purchased basis dark fiber and have attached your own optronics to light the facility and are serving customers using the facility. Facilities obtained through any other means, including but not limited to special access, other unbundled network elements or other services obtained from third parties, should not be included in this response.

[illegible]

3. Affirm or deny whether you have acquired on a wholesale basis from a third party (other than the ILEC or a CLEC that is a party to this proceeding) DS1, DS3, or dark fiber transport between two or more ILEC central offices in each/any of the Southeastern states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6)) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair.

Sample Form for Response to Question 3									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

4. For each state in Question 1 that you answered in the affirmative (that you have deployed or self-provide high capacity transport for use in your own operations), provide a list of all the paired ILEC CO to ILEC CO routes on which you have deployed such facilities identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your self-provided transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code for the collocation arrangement.
- c. Whether your self-provided transport facilities are provisioned entirely on facilities you own (as defined in Question 1).
- d. If any of your self-provided transport facilities include facilities obtained through third parties (Yes, No); if your response is yes, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are able to immediately provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

5. For each state in Question 2 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher, or dark fiber capacity transport) provide a list of all ILEC CO to ILEC CO routes along which you provide such transport identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up the end points of each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your wholesale transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code of the collocation arrangement.
- c. Whether your wholesale transport services are provisioned entirely on facilities you own (as defined in Question 2).
- d. If any of your self-provided transport facilities include facilities obtained through third parties, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are willing and able immediately to provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

6. For each state in Question 3 that you answered in the affirmative (that you have acquired on a wholesale basis DS1, DS3 or higher, or dark fiber transport), provide the following in electronic format using the worksheet related to both self-provided (the Question 4 spreadsheet) and wholesale facilities (the Question 5 spreadsheet):

- a. The CLLI codes of the ILEC wire centers or COs of the starting and ending points of the transport routes;
- b. The name of the carrier or company from whom you received or purchased the transport;
- c. Whether you are operationally ready to provide transport using these facilities; and
- d. The capacity deployed and the capacity active on the route as of September 30, 2003.

7. If, in response to Questions 4 and 5, you denied any of the specified characteristics, explain in detail the basis for your response. For example, if your wholesale operations are affiliated with another provider, state the name of the provider with whom you are affiliated. State also whether there are other limitations on your wholesale operations; if so, describe in detail any such limitations.

[illegible][illegible]

10. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of retail services to your customers, to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 8 above should not be included in this response.

Sample Response Form-Question 10: 3 rd Party facilities leased for providing retail service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

11. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of services on a wholesale basis to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 9 above should not be included in this response.

Sample Response Form-Question 11: 3 rd Party facilities leased for reselling as wholesale service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

12. For each state in Question 8 and 10 that you answered in the affirmative (that you have self-provided or obtained from a third party other than the ILEC or a CLEC that is a party to this proceeding high capacity loops or dark fiber for use in your own operations in providing retail service to your customers) provide a list of the customer locations to which you have deployed such loops, (in electronic format using the attached spreadsheets) identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc., from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve

customers and explain any and all actions you have taken to address such restrictions.

- f. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

13. For each state in Questions 9 and 11 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher capacity loops) provide a list of the customer locations to which you have provided such loops (in electronic format using the attached spreadsheets), identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the location from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis or UNE basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve customers and explain any and all actions you have taken to eliminate such restrictions.
- f. Indicate whether other carriers have access to these wholesale facilities at a technically feasible point (e.g., manhole, meet point, collocation, etc).
- g. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

14. List all BellSouth wire centers in the Southeastern states where you have collocation, either virtual or physical. In Microsoft Excel format, list the 11-character wire center CLLI code and the CLLI code designating each arrangement you have within that wire center. For each wire center listed identify:

- a. The type of collocation (caged, cageless, shared, virtual, other (with a description)) and identify the total amount of space currently occupied and reserved for future growth;
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

- d. The amount of unused or excess space in each collocation space.
- e. The number of active and inactive DS1 cross connects
- f. The number of active and inactive DS3 Cross-connects
- g. The number of active and inactive 2-fiber cross-connects
- h. The number of active and inactive 4-fiber cross-connects.
- i. State whether you have deployed fiber "entrance" facilities that you own which connect to the collocation arrangements identified.
- j. State whether you have fiber "entrance" facilities that you have obtained from a person other than BellSouth which connect to the collocation arrangements identified.
- k. State whether you have fiber cross-connects which connect the identified arrangement(s) to other persons collocated at the same wire center. If yes, (i) identify all carriers to which your arrangements are connected within the wire center; and (ii) identify the capacity or type of connection.

15. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states to which you have deployed high capacity transport facilities that are operationally ready to provide dedicated transport along a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. *This interrogatory varies from Interrogatory No. 1 in this docket as it seeks wire centers/central offices even if you are not actually providing transport from the locations; it also seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the IXC transport route should be identified:*

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;
- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement
- d. The total active capacity and number of fiber strands deployed as of the most recent date available;
- e. The type of facility (e.g., fiber, coaxial cable, etc.).

16. For each central office/wire center identified in response to Interrogatory No. 15:

- a. Are your transport facilities operationally ready to provide dedicated transport between the central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central offices on the list that does not satisfy part (a) and explain with particularity why not.

17. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states from which you offer to other carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that provide a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 2 in this docket as it seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the transport route between IXC – points of presence (“POP”) should be identified:

BST wire center→IXC POP←→IXC POP→BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;

- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

17. For each central office/wire center identified in response to Interrogatory No. 16:

- a. Are you willing and able immediately to provide high capacity transport, on a wholesale basis, over transport facilities between the wire central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central office/wire center on the list that does not satisfy part (a) and explain with particularity why not.

18. Identify the points within all Southeastern states at which you connect your local network facilities to the networks of other carriers, including but not limited to interconnection with other CLECs, interexchange carriers, internet service providers at any point of presence ("POP"), network access point ("NAP"), collocation hotels, data centers, or similar facility. This interrogatory may be answered with network diagrams.

19. Identify the points within all Southeastern states at which you connect your local network facilities to BellSouth's network, including but not limited to any and all points of presence ("POP"). This interrogatory may be answered with network diagrams.

20. On an MSA-specific basis, in the southern states please describe with specificity the configuration of your transport and/or loop facilities; including, but not limited to: (a) the configuration of your facilities (e.g., point to point or ring configuration); (b) the customer specific locations that are accessible from your facilities; and (c) a list of all customer units accessible in a multi-tenant building.

21. Provide a list of all fiber rings in the Southeastern states you own or control and identify the location (by street address) of each add-drop multiplexer or comparable facility for connection other transport facilities (e.g., wire centers, loops, other fiber rings) to the fiber ring.

22. Identify each shared or non-BellSouth location (e.g., collocation hotel) in the Southeastern states in which you are located. For each such location state:

- a. The type of collocation or sharing/leasing of space for placement of equipment (e.g., caged, cageless, shared, or virtual);
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching

provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

23. For each arrangement identified in response to Interrogatory 22 and in response to Interrogatory 15, please list the types of services that are provided utilizing such an arrangement.

- a. List all types of services you offer to your end users from each collocation space describe or demand and the quantity of each service you provide and/or offer.
- b. For each service identified in (a), list the average monthly revenue associated with each type of service.

24. Provide a list of all customer locations in each/any of the Southeastern states at which you have deployed high capacity loop facilities (DS3 or greater facilities, including dark fiber) that you own and where you are serving customers using those facilities. This interrogatory varies from Interrogatory No. 8 in this docket as it is not limited to loop facilities solely used to provide retail service. For each customer location, identify:

- a. The RSAG valid address of the customer location;
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc. from which the loop is extended to the customer location (by 11 character CLLI);
- c. Whether you have the unrestricted ability to serve all customers at that location, if the location is a multi-tenant location. If not, explain with particularity why not, including any restrictions on your ability to serve customers and the steps you have taken to address such restrictions.
- d. The total active capacity and the number of fiber strands on your facilities at the specific customer locations using the most recent data available;
- e. Whether your facilities are operationally ready to provide DS3 loops at the specific customer location.

25. Describe with particularity all factors you consider when deciding whether to extend high capacity loop or transport facilities to:

- a. pick up additional traffic;
- b. pick up additional or new customers;
- c. pick up additional or new buildings.

REQUESTS FOR PRODUCTION

1. Produce any maps and/or diagrams that illustrate the most current information available for the physical location of your high capacity transport and/or loop facilities within the Southeastern states.

2. Produce any documents identified in response to BellSouth's First or Second Set of Interrogatories.

3. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your actual or planned deployment of high capacity transport and/or loop facilities within the Southeastern states.

4. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your obtaining high capacity transport and/or loop facilities from other persons.

5. Produce all documents from 2000 to present referring or relating to how you determine whether or not to deploy high capacity transport and/or loop facilities.

DEFINITIONS

1. "You" and "your" refers to Knology of Knoxville, Inc. as well as any predecessors in interest, parent(s), subsidiaries, and affiliates, their present and former officers, employees, agents, directors, and all other persons acting or purporting to act on behalf of Knology of Knoxville, Inc..
2. "Affiliate" is defined as found in the Telecommunications Act of 1996. Section 3 of the Act defines the term "affiliate" as "a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term 'own' means to own an equity interest (or the equivalent thereof) of more than 10 percent." 47 U.S.C. § 153(1).
3. "Southeastern states" include the following states: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.
4. "DS3 transport" refers to transmission facilities with a total digital signal speed of 44.736 Mbps provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
5. "DS3 loop facilities" refer to a digital loop having a total signal speed of 44.736 megabytes per second provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
6. "DS1 transport" refers to transmission facilities with a total digital signal speed of 1.544 Mbps provided over various transmission media including, but not limited to, copper, fiber optics, coaxial cable, wireless, radio, and power line facilities.
7. "DS1 loop facilities" refer to a digital loop having a total signal speed of 1.544 megabytes per second provided over various transmission media including, but not limited to, two-wire and four-wire copper, coaxial cable, fiber optics, wireless, radio, and power line facilities.
8. "Dark fiber transport" refers to optical transmission facilities without activated electronics, through which no light is transmitted and no signal is carried.
9. "Dark fiber" refers to optical transmission facilities without attached electronics, through which no light is transmitted and no signal is carried.
10. "Optronics" refers to equipment, materials, and devices that are attached to dark fiber for the purpose of lighting the fiber to carry a signal to serve customers.
11. "IRU" refers to an indefeasible right of use, or a type of arrangement that conveys a right to use particular facilities for a specified amount of time that cannot be arbitrarily changed or altered.

12. "High capacity" refers to transmission facilities with a total digital signal speed of DS1 or higher.

13. "CLLI code" refers to the Common Language Location Identifier that is an 11-character alphanumeric code that identifies a specific physical location or specific piece of equipment at a physical location.

14. "ILEC CO" refers to BellSouth central offices.

15. "ILEC Wire Center" refers to a BellSouth building housing one or more switches.

16. "ILEC" refers to BellSouth.

17. "RSAG valid address" refers to the address of each customer location as it appears in RSAG (Regional Street Address Guide) or in any other telecommunications industry database, if known.

LIST OF PARTIES TO THIS PROCEEDING

Access Integrated Networks, Inc.
AT&T Communications of the South Central States, LLC
Birch Telecom of the South, Inc.
Brooks Fiber Communications of Tennessee, Inc.
Business Telecom, Inc.
Cinergy Communications Company
Citizens Telecommunications Company of Tennessee, LLC
Competitive Carriers of the South, Inc.
DIECA Communications, Inc. dba Covad Communications Company
ITC^DeltaCom Communications of the South Central States, Inc.
Electric Power Board of Chattanooga
IDS Telecom, LLC
KMC Telecom III, LLC
MCI WorldCom Communications, Inc.
MCImetro Access Transmission Services, LLC
Network Telephone Corporation
NewSouth Communications Corp.
Nuvox Communications, Inc.
Qwest Communications, Inc.
Sprint Communications Company, LP
TalkAmerica, Inc.
Time Warner Telecommunications of the MidSouth, LLC
United Telephone-Southeast, Inc.
Xspedius Communications

Z-Tel Communications

Question 4 Spreadsheet Self-provisioned Transport Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Question 5 Wholesale Transport Information Spreadsheet Page 2: Collocation Access

Question 5 Wholesale Transport Information: Sp. Carriers					
Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Self-Provisioned Retail Loop Information Spreadsheet, page 1

State:

Customer Address			CLLI from which loop extends	Reporting Company Name	Facility wholly owned (Yes, No)	If No, third party facility vendor	Dark Fiber from BellSouth on IRU basis (Yes, No)	Can serve all at location (Yes, No)	If No, Indicate line # Ref, Pg 2	Capacity In-Service		Total Capacity Deployed	
City	Zip	DS3								Fibers	DS3	Fibers	
RSAG Valid Address (Street name and number, directional)													

Self-Provisioned Retail Loop Information Spreadsheet page 2
Retail Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip	Barrier to access	Steps taken to remove barrier

[illegible]

Wholesale Loop Information Spreadsheet page 2
Wholesale Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip	Barrier to access	Steps taken to remove barrier

BellSouth Telecommunications, Inc.
Suite 2101
333 Commerce Street
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

Guy M. Hicks
General Counsel

615 214-6301
Fax 615 214-7406

December 2, 2003

Level 3 Communications, LLC
CT Corporation System
530 Gay Street
Knoxville, TN 37902

Re: *Implementation of the Federal Communications Commission's Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*
Docket No. 03-00527

Dear Registered Agent:

Attached is a Subpoena *Duces Tecum* for Deposition issued by the Tennessee Regulatory Authority. Also attached is a Protective Order that is expected to be entered by the Tennessee Regulatory Authority, or its Hearing Officer, in this proceeding. Paragraph 13 of the Protective Order provides that:

13. Non-party witnesses, including entities responding to subpoenas, data requests or other third party discovery propounded by parties or the TRA, shall be entitled to invoke the provisions of this Order by designating information disclosed or documents produced for use in this action as CONFIDENTIAL in which event the provisions of this Order shall govern the disclosure of information or documents provided by the non-party witness. A non-party witness' designation of information as confidential may be challenged under Paragraph 11 of this Order.

If the recipient of this Subpoena provides information which is fully and completely responsive to the Subpoena by BellSouth by **December 16, 2003**, BellSouth will agree to dispense with the oral deposition. Please contact Carolyn Hanesworth at 615/214-6324 to make any necessary arrangements regarding the scheduling of depositions.

If you wish to receive a copy of the subpoena by e-mail, please provide Ms. Hanesworth with your e-mail address. You may call 615/214-6324 or send your request via e-mail to carolyn.hanesworth@bellsouth.com.

Very truly yours,



Guy M. Hicks

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Implementation of the Federal Communications Commission's
Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*

Docket No. 03-00527

SUBPOENA DUCES TECUM FOR DEPOSITION

To: Level 3 Communications, LLC, CT Corporation System, 530 Gay Street,
Knoxville, TN 37902

YOU ARE COMMANDED to appear before a person authorized by law to take depositions at the offices BellSouth Telecommunications, Inc., 333 Commerce Street, Suite, 2101, Nashville, TN 37201 on December 16, 2003, at 2:00 p.m. to testify in this action, and to have with you at that time and place the following:

1. Documents reflecting your ownership and use of high capacity loop and transport facilities, including high capacity loop and transport facilities that might be used by other carriers to provide services to customers in Tennessee.
2. All information set forth in the Attachment, "Matters upon which examination is requested per T.C.A. §§ 4-5-311 and 65-2-102."

These items will be inspected and may be copied at that time. You will not be required to surrender the original items.

YOU ARE SUBPOENAED to appear by the following attorney(s) and, unless excused from this subpoena by these attorney(s) or the Authority you shall respond to this subpoena as directed.

Guy M. Hicks
Joelle J. Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300
615/214-6301

Date of Issuance: 12/2/03

Richard Collier
Richard Collier, General Counsel
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243

MATTERS UPON WHICH EXAMINATION IS REQUESTED
PURSUANT TO T.C.A. §§ 4-5-311 and 65-2-102

1. Affirm or deny that you have self-provided high capacity transport facilities that you own (i.e., any DS3 or greater facilities, including dark fiber) that provide transport along a route between a pair of ILEC central offices or wire centers in each/any of the nine Southeastern states for use in your own operations. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each central office of the pair and be operationally ready to provide transport into or out of each office of the pair. Answer this question in the affirmative if you are self-providing such facilities. For purposes of this question, you "own" transport facilities if (i) you have legal title to the facility; or (ii) if you have obtained dark fiber under a long term (10 or more years) IRU and have attached your own optronics to light the facility. Facilities obtained through any other means, including but not limited to special access, unbundled network elements or other services or facilities obtained from third parties, should not be included in this response.

[illegible]

2. Affirm or deny that you offer to carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that you own that provide a route between a pair of ILEC central offices or wire centers, to one or more pair of wire centers, in each/any of the nine states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair. Answer this question in the affirmative if you are offering such facilities. For purposes of this question, you "own" a facility (i) if you have legal title to the facility, or (ii) if you have obtained on an unbundled, leased or purchased basis dark fiber and have attached your own optronics to light the facility and are serving customers using the facility. Facilities obtained through any other means, including but not limited to special access, other unbundled network elements or other services obtained from third parties, should not be included in this response.

[illegible]

3. Affirm or deny whether you have acquired on a wholesale basis from a third party (other than the ILEC or a CLEC that is a party to this proceeding) DS1, DS3, or dark fiber transport between two or more ILEC central offices in each/any of the Southeastern states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6)) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair.

Sample Form for Response to Question 3									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

4. For each state in Question 1 that you answered in the affirmative (that you have deployed or self-provide high capacity transport for use in your own operations), provide a list of all the paired ILEC CO to ILEC CO routes on which you have deployed such facilities identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your self-provided transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code for the collocation arrangement.
- c. Whether your self-provided transport facilities are provisioned entirely on facilities you own (as defined in Question 1).
- d. If any of your self-provided transport facilities include facilities obtained through third parties (Yes, No); if your response is yes, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are able to immediately provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

5. For each state in Question 2 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher, or dark fiber capacity transport) provide a list of all ILEC CO to ILEC CO routes along which you provide such transport identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up the end points of each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your wholesale transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code of the collocation arrangement.
- c. Whether your wholesale transport services are provisioned entirely on facilities you own (as defined in Question 2).
- d. If any of your self-provided transport facilities include facilities obtained through third parties, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are willing and able immediately to provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

6. For each state in Question 3 that you answered in the affirmative (that you have acquired on a wholesale basis DS1, DS3 or higher, or dark fiber transport), provide the following in electronic format using the worksheet related to both self-provided (the Question 4 spreadsheet) and wholesale facilities (the Question 5 spreadsheet):

- a. The CLLI codes of the ILEC wire centers or COs of the starting and ending points of the transport routes;
- b. The name of the carrier or company from whom you received or purchased the transport;
- c. Whether you are operationally ready to provide transport using these facilities; and
- d. The capacity deployed and the capacity active on the route as of September 30, 2003.

7. If, in response to Questions 4 and 5, you denied any of the specified characteristics, explain in detail the basis for your response. For example, if your wholesale operations are affiliated with another provider, state the name of the provider with whom you are affiliated. State also whether there are other limitations on your wholesale operations; if so, describe in detail any such limitations.

[illegible][illegible]

10. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of retail services to your customers, to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 8 above should not be included in this response.

Sample Response Form-Question 10: 3 rd Party facilities leased for providing retail service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

11. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of services on a wholesale basis to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 9 above should not be included in this response.

Sample Response Form-Question 11: 3 rd Party facilities leased for reselling as wholesale service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

12. For each state in Question 8 and 10 that you answered in the affirmative (that you have self-provided or obtained from a third party other than the ILEC or a CLEC that is a party to this proceeding high capacity loops or dark fiber for use in your own operations in providing retail service to your customers) provide a list of the customer locations to which you have deployed such loops, (in electronic format using the attached spreadsheets) identifying:

- The RSAG valid address of each customer location.
- The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc., from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis (Yes, No).
- Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve

customers and explain any and all actions you have taken to address such restrictions.

- f. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

13. For each state in Questions 9 and 11 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher capacity loops) provide a list of the customer locations to which you have provided such loops (in electronic format using the attached spreadsheets), identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the location from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis or UNE basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve customers and explain any and all actions you have taken to eliminate such restrictions.
- f. Indicate whether other carriers have access to these wholesale facilities at a technically feasible point (e.g., manhole, meet point, collocation, etc).
- g. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

14. List all BellSouth wire centers in the Southeastern states where you have collocation, either virtual or physical. In Microsoft Excel format, list the 11-character wire center CLLI code and the CLLI code designating each arrangement you have within that wire center. For each wire center listed identify:

- a. The type of collocation (caged, cageless, shared, virtual, other (with a description)) and identify the total amount of space currently occupied and reserved for future growth;
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

- d. The amount of unused or excess space in each collocation space.
- e. The number of active and inactive DS1 cross connects
- f. The number of active and inactive DS3 Cross-connects
- g. The number of active and inactive 2-fiber cross-connects
- h. The number of active and inactive 4-fiber cross-connects.
- i. State whether you have deployed fiber "entrance" facilities that you own which connect to the collocation arrangements identified.
- j. State whether you have fiber "entrance" facilities that you have obtained from a person other than BellSouth which connect to the collocation arrangements identified.
- k. State whether you have fiber cross-connects which connect the identified arrangement(s) to other persons collocated at the same wire center. If yes, (i) identify all carriers to which your arrangements are connected within the wire center; and (ii) identify the capacity or type of connection.

15. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states to which you have deployed high capacity transport facilities that are operationally ready to provide dedicated transport along a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 1 in this docket as it seeks wire centers/central offices even if you are not actually providing transport from the locations; it also seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the IXC transport route should be identified:

BST wire center → IXC POP ↔ IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;
- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement
- d. The total active capacity and number of fiber strands deployed as of the most recent date available;
- e. The type of facility (e.g., fiber, coaxial cable, etc.).

16. For each central office/wire center identified in response to Interrogatory No. 15:

- a. Are your transport facilities operationally ready to provide dedicated transport between the central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central offices on the list that does not satisfy part (a) and explain with particularity why not.

17. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states from which you offer to other carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that provide a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. *This interrogatory varies from Interrogatory No. 2 in this docket as it seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the transport route between IXC – points of presence ("POP") should be identified:*

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;

- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

17. For each central office/wire center identified in response to Interrogatory No. 16:

- a. Are you willing and able immediately to provide high capacity transport, on a wholesale basis, over transport facilities between the wire central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central office/wire center on the list that does not satisfy part (a) and explain with particularity why not.

18. Identify the points within all Southeastern states at which you connect your local network facilities to the networks of other carriers, including but not limited to interconnection with other CLECs, interexchange carriers, internet service providers at any point of presence ("POP"), network access point ("NAP"), collocation hotels, data centers, or similar facility. This interrogatory may be answered with network diagrams.

19. Identify the points within all Southeastern states at which you connect your local network facilities to BellSouth's network, including but not limited to any and all points of presence ("POP"). This interrogatory may be answered with network diagrams.

20. On an MSA-specific basis, in the southern states please describe with specificity the configuration of your transport and/or loop facilities; including, but not limited to: (a) the configuration of your facilities (e.g., point to point or ring configuration); (b) the customer specific locations that are accessible from your facilities; and (c) a list of all customer units accessible in a multi-tenant building.

21. Provide a list of all fiber rings in the Southeastern states you own or control and identify the location (by street address) of each add-drop multiplexer or comparable facility for connection other transport facilities (e.g., wire centers, loops, other fiber rings) to the fiber ring.

22. Identify each shared or non-BellSouth location (e.g., collocation hotel) in the Southeastern states in which you are located. For each such location state:

- a. The type of collocation or sharing/leasing of space for placement of equipment (e.g., caged, cageless, shared, or virtual);
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching

provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

23. For each arrangement identified in response to Interrogatory 22 and in response to Interrogatory 15, please list the types of services that are provided utilizing such an arrangement.

- a. List all types of services you offer to your end users from each collocation space describe or demand and the quantity of each service you provide and/or offer.
- b. For each service identified in (a), list the average monthly revenue associated with each type of service.

24. Provide a list of all customer locations in each/any of the Southeastern states at which you have deployed high capacity loop facilities (DS3 or greater facilities, including dark fiber) that you own and where you are serving customers using those facilities. This interrogatory varies from Interrogatory No. 8 in this docket as it is not limited to loop facilities solely used to provide retail service. For each customer location, identify:

- a. The RSAG valid address of the customer location;
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc. from which the loop is extended to the customer location (by 11 character CLLI);
- c. Whether you have the unrestricted ability to serve all customers at that location, if the location is a multi-tenant location. If not, explain with particularity why not, including any restrictions on your ability to serve customers and the steps you have taken to address such restrictions.
- d. The total active capacity and the number of fiber strands on your facilities at the specific customer locations using the most recent data available;
- e. Whether your facilities are operationally ready to provide DS3 loops at the specific customer location.

25. Describe with particularity all factors you consider when deciding whether to extend high capacity loop or transport facilities to:

- a. pick up additional traffic;
- b. pick up additional or new customers;
- c. pick up additional or new buildings.

REQUESTS FOR PRODUCTION

1. Produce any maps and/or diagrams that illustrate the most current information available for the physical location of your high capacity transport and/or loop facilities within the Southeastern states.

2. Produce any documents identified in response to BellSouth's First or Second Set of Interrogatories.

3. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your actual or planned deployment of high capacity transport and/or loop facilities within the Southeastern states.

4. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your obtaining high capacity transport and/or loop facilities from other persons.

5. Produce all documents from 2000 to present referring or relating to how you determine whether or not to deploy high capacity transport and/or loop facilities.

DEFINITIONS

1. "You" and "your" refers to Level 3 Communications, LLC as well as any predecessors in interest, parent(s), subsidiaries, and affiliates, their present and former officers, employees, agents, directors, and all other persons acting or purporting to act on behalf of Level 3 Communications, LLC.
2. "Affiliate" is defined as found in the Telecommunications Act of 1996. Section 3 of the Act defines the term "affiliate" as "a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term 'own' means to own an equity interest (or the equivalent thereof) of more than 10 percent." 47 U.S.C. § 153(1).
3. "Southeastern states" include the following states: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.
4. "DS3 transport" refers to transmission facilities with a total digital signal speed of 44.736 Mbps provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
5. "DS3 loop facilities" refer to a digital loop having a total signal speed of 44.736 megabytes per second provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
6. "DS1 transport" refers to transmission facilities with a total digital signal speed of 1.544 Mbps provided over various transmission media including, but not limited to, copper, fiber optics, coaxial cable, wireless, radio, and power line facilities.
7. "DS1 loop facilities" refer to a digital loop having a total signal speed of 1.544 megabytes per second provided over various transmission media including, but not limited to, two-wire and four-wire copper, coaxial cable, fiber optics, wireless, radio, and power line facilities.
8. "Dark fiber transport" refers to optical transmission facilities without activated electronics, through which no light is transmitted and no signal is carried.
9. "Dark fiber" refers to optical transmission facilities without attached electronics, through which no light is transmitted and no signal is carried.
10. "Optronics" refers to equipment, materials, and devices that are attached to dark fiber for the purpose of lighting the fiber to carry a signal to serve customers.
11. "IRU" refers to an indefeasible right of use, or a type of arrangement that conveys a right to use particular facilities for a specified amount of time that cannot be arbitrarily changed or altered.

12. "High capacity" refers to transmission facilities with a total digital signal speed of DS1 or higher.

13. "CLLI code" refers to the Common Language Location Identifier that is an 11-character alphanumeric code that identifies a specific physical location or specific piece of equipment at a physical location.

14. "ILEC CO" refers to BellSouth central offices.

15. "ILEC Wire Center" refers to a BellSouth building housing one or more switches.

16. "ILEC" refers to BellSouth.

17. "RSAG valid address" refers to the address of each customer location as it appears in RSAG (Regional Street Address Guide) or in any other telecommunications industry database, if known.

LIST OF PARTIES TO THIS PROCEEDING

Access Integrated Networks, Inc.
AT&T Communications of the South Central States, LLC
Birch Telecom of the South, Inc.
Brooks Fiber Communications of Tennessee, Inc.
Business Telecom, Inc.
Cinergy Communications Company
Citizens Telecommunications Company of Tennessee, LLC
Competitive Carriers of the South, Inc.
DIECA Communications, Inc. dba Covad Communications Company
ITC^DeltaCom Communications of the South Central States, Inc.
Electric Power Board of Chattanooga
IDS Telecom, LLC
KMC Telecom III, LLC
MCI WorldCom Communications, Inc.
MCI metro Access Transmission Services, LLC
Network Telephone Corporation
NewSouth Communications Corp.
Nuvox Communications, Inc.
Qwest Communications, Inc.
Sprint Communications Company, LP
TalkAmerica, Inc.
Time Warner Telecommunications of the MidSouth, LLC
United Telephone-Southeast, Inc.
Xspedius Communications

Z-Tel Communications

State:

State:

Question 4 Spreadsheet Self-provisioned Transport Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Question 5 Wholesale Transport Information Spreadsheet Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Self-Provisioned Retail Loop Information Spreadsheet, page 1

State:

Customer Address		City	Zip	CLLI from which loop extends	Reporting Company Name	Facility wholly owned (Yes, No)	If No, third party facility vendor	Dark Fiber from BellSouth on IRU basis (Yes, No)	Can serve all at location (Yes, No)	If No, Indicate line # Ref, Pg 2	Capacity In-Service		Total Capacity Deployed	
RSAG Valid Address (Street name and number, directional)											DS3	Fibers	DS3	Fibers

Self-Provisioned Retail Loop Information Spreadsheet page 2
Retail Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip	Barrier to access	Steps taken to remove barrier

Wholesale Loop Information Spreadsheet page 2
Wholesale Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip	Barrier to access	Steps taken to remove barrier

BellSouth Telecommunications, Inc.
Suite 2101
333 Commerce Street
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

Guy M. Hicks
General Counsel

615 214-6301
Fax 615 214-7406

December 2, 2003

McLeodUSA Telecommunications Services, Inc.
CT Corporation System
530 Gay Street
Knoxville, TN 37902

Re: *Implementation of the Federal Communications Commission's Triennial
Review Order (Nine-month Proceeding)(Loop & Transport)*
Docket No. 03-00527

Dear Registered Agent:

Attached is a Subpoena *Duces Tecum* for Deposition issued by the Tennessee Regulatory Authority. Also attached is a Protective Order that is expected to be entered by the Tennessee Regulatory Authority, or its Hearing Officer, in this proceeding. Paragraph 13 of the Protective Order provides that:

13. Non-party witnesses, including entities responding to subpoenas, data requests or other third party discovery propounded by parties or the TRA, shall be entitled to invoke the provisions of this Order by designating information disclosed or documents produced for use in this action as CONFIDENTIAL in which event the provisions of this Order shall govern the disclosure of information or documents provided by the non-party witness. A non-party witness' designation of information as confidential may be challenged under Paragraph 11 of this Order.

If the recipient of this Subpoena provides information which is fully and completely responsive to the Subpoena by BellSouth by **December 16, 2003**, BellSouth will agree to dispense with the oral deposition. Please contact Carolyn Hanesworth at 615/214-6324 to make any necessary arrangements regarding the scheduling of depositions.

If you wish to receive a copy of the subpoena by e-mail, please provide Ms. Hanesworth with your e-mail address. You may call 615/214-6324 or send your request via e-mail to carolyn.hanesworth@bellsouth.com.

Very truly yours,



Guy M. Hicks

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Implementation of the Federal Communications Commission's
Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*

Docket No. 03-00527

SUBPOENA DUCES TECUM FOR DEPOSITION

To: McLeodUSA Telecommunications Services, Inc., CT Corporation System,
530 Gay Street, Knoxville, TN 37902

YOU ARE COMMANDED to appear before a person authorized by law to take depositions at the offices BellSouth Telecommunications, Inc., 333 Commerce Street, Suite, 2101, Nashville, TN 37201 on December 16, 2003, at 2:00 p.m. to testify in this action, and to have with you at that time and place the following:

1. Documents reflecting your ownership and use of high capacity loop and transport facilities, including high capacity loop and transport facilities that might be used by other carriers to provide services to customers in Tennessee.
2. All information set forth in the Attachment, "Matters upon which examination is requested per T.C.A. §§ 4-5-311 and 65-2-102."

These items will be inspected and may be copied at that time. You will not be required to surrender the original items.

YOU ARE SUBPOENAED to appear by the following attorney(s) and, unless excused from this subpoena by these attorney(s) or the Authority you shall respond to this subpoena as directed.

Guy M. Hicks
Joelle J. Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300
615/214-6301

Date of Issuance: 12/2/03

Richard Collier
Richard Collier, General Counsel
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243

MATTERS UPON WHICH EXAMINATION IS REQUESTED
PURSUANT TO T.C.A. §§ 4-5-311 and 65-2-102

1. Affirm or deny that you have self-provided high capacity transport facilities that you own (i.e., any DS3 or greater facilities, including dark fiber) that provide transport along a route between a pair of ILEC central offices or wire centers in each/any of the nine Southeastern states for use in your own operations. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each central office of the pair and be operationally ready to provide transport into or out of each office of the pair. Answer this question in the affirmative if you are self-providing such facilities. For purposes of this question, you "own" transport facilities if (i) you have legal title to the facility; or (ii) if you have obtained dark fiber under a long term (10 or more years) IRU and have attached your own optronics to light the facility. Facilities obtained through any other means, including but not limited to special access, unbundled network elements or other services or facilities obtained from third parties, should not be included in this response.

Sample Form for Response to Question 1									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

2. Affirm or deny that you offer to carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that you own that provide a route between a pair of ILEC central offices or wire centers, to one or more pair of wire centers, in each/any of the nine states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair. Answer this question in the affirmative if you are offering such facilities. For purposes of this question, you "own" a facility (i) if you have legal title to the facility, or (ii) if you have obtained on an unbundled, leased or purchased basis dark fiber and have attached your own optronics to light the facility and are serving customers using the facility. Facilities obtained through any other means, including but not limited to special access, other unbundled network elements or other services obtained from third parties, should not be included in this response.

Sample Form for Response to Question 2									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

3. Affirm or deny whether you have acquired on a wholesale basis from a third party (other than the ILEC or a CLEC that is a party to this proceeding) DS1, DS3, or dark fiber transport between two or more ILEC central offices in each/any of the Southeastern states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6)) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair.

Sample Form for Response to Question 3									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

4. For each state in Question 1 that you answered in the affirmative (that you have deployed or self-provide high capacity transport for use in your own operations), provide a list of all the paired ILEC CO to ILEC CO routes on which you have deployed such facilities identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your self-provided transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code for the collocation arrangement.
- c. Whether your self-provided transport facilities are provisioned entirely on facilities you own (as defined in Question 1).
- d. If any of your self-provided transport facilities include facilities obtained through third parties (Yes, No); if your response is yes, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are able to immediately provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

5. For each state in Question 2 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher, or dark fiber capacity transport) provide a list of all ILEC CO to ILEC CO routes along which you provide such transport identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up the end points of each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your wholesale transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code of the collocation arrangement.
- c. Whether your wholesale transport services are provisioned entirely on facilities you own (as defined in Question 2).
- d. If any of your self-provided transport facilities include facilities obtained through third parties, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are willing and able immediately to provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

6. For each state in Question 3 that you answered in the affirmative (that you have acquired on a wholesale basis DS1, DS3 or higher, or dark fiber transport), provide the following in electronic format using the worksheet related to both self-provided (the Question 4 spreadsheet) and wholesale facilities (the Question 5 spreadsheet):

- a. The CLLI codes of the ILEC wire centers or COs of the starting and ending points of the transport routes;
- b. The name of the carrier or company from whom you received or purchased the transport;
- c. Whether you are operationally ready to provide transport using these facilities; and
- d. The capacity deployed and the capacity active on the route as of September 30, 2003.

7. If, in response to Questions 4 and 5, you denied any of the specified characteristics, explain in detail the basis for your response. For example, if your wholesale operations are affiliated with another provider, state the name of the provider with whom you are affiliated. State also whether there are other limitations on your wholesale operations; if so, describe in detail any such limitations.

[illegible][illegible]

10. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of retail services to your customers, to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 8 above should not be included in this response.

Sample Response Form-Question 10: 3 rd Party facilities leased for providing retail service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

11. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of services on a wholesale basis to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 9 above should not be included in this response.

Sample Response Form-Question 11: 3 rd Party facilities leased for reselling as wholesale service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

12. For each state in Question 8 and 10 that you answered in the affirmative (that you have self-provided or obtained from a third party other than the ILEC or a CLEC that is a party to this proceeding high capacity loops or dark fiber for use in your own operations in providing retail service to your customers) provide a list of the customer locations to which you have deployed such loops, (in electronic format using the attached spreadsheets) identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc., from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve

customers and explain any and all actions you have taken to address such restrictions.

- f. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

13. For each state in Questions 9 and 11 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher capacity loops) provide a list of the customer locations to which you have provided such loops (in electronic format using the attached spreadsheets), identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the location from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis or UNE basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve customers and explain any and all actions you have taken to eliminate such restrictions.
- f. Indicate whether other carriers have access to these wholesale facilities at a technically feasible point (e.g., manhole, meet point, collocation, etc).
- g. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

14. List all BellSouth wire centers in the Southeastern states where you have collocation, either virtual or physical. In Microsoft Excel format, list the 11-character wire center CLLI code and the CLLI code designating each arrangement you have within that wire center. For each wire center listed identify:

- a. The type of collocation (caged, cageless, shared, virtual, other (with a description)) and identify the total amount of space currently occupied and reserved for future growth;
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

- d. The amount of unused or excess space in each collocation space.
- e. The number of active and inactive DS1 cross connects
- f. The number of active and inactive DS3 Cross-connects
- g. The number of active and inactive 2-fiber cross-connects
- h. The number of active and inactive 4-fiber cross-connects.
- i. State whether you have deployed fiber "entrance" facilities that you own which connect to the collocation arrangements identified.
- j. State whether you have fiber "entrance" facilities that you have obtained from a person other than BellSouth which connect to the collocation arrangements identified.
- k. State whether you have fiber cross-connects which connect the identified arrangement(s) to other persons collocated at the same wire center. If yes, (i) identify all carriers to which your arrangements are connected within the wire center; and (ii) identify the capacity or type of connection.

15. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states to which you have deployed high capacity transport facilities that are operationally ready to provide dedicated transport along a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 1 in this docket as it seeks wire centers/central offices even if you are not actually providing transport from the locations; it also seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the IXC transport route should be identified:

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;
- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
 - b. The type of collocation at which the facilities terminate;
 - c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement
 - d. The total active capacity and number of fiber strands deployed as of the most recent date available;
 - e. The type of facility (e.g., fiber, coaxial cable, etc.).
16. For each central office/wire center identified in response to Interrogatory No. 15:
- a. Are your transport facilities operationally ready to provide dedicated transport between the central office/wire center identified and any other ILEC wire center on the same list?
 - b. If your responses to part (a) above is negative, identify each such the ILEC central offices on the list that does not satisfy part (a) and explain with particularity why not.

17. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states from which you offer to other carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that provide a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. *This interrogatory varies from Interrogatory No. 2 in this docket as it seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the transport route between IXC – points of presence ("POP") should be identified:*

BST wire center→IXC POP←→IXC POP→BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;

- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

17. For each central office/wire center identified in response to Interrogatory No. 16:

- a. Are you willing and able immediately to provide high capacity transport, on a wholesale basis, over transport facilities between the wire central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central office/wire center on the list that does not satisfy part (a) and explain with particularity why not.

18. Identify the points within all Southeastern states at which you connect your local network facilities to the networks of other carriers, including but not limited to interconnection with other CLECs, interexchange carriers, internet service providers at any point of presence ("POP"), network access point ("NAP"), collocation hotels, data centers, or similar facility. This interrogatory may be answered with network diagrams.

19. Identify the points within all Southeastern states at which you connect your local network facilities to BellSouth's network, including but not limited to any and all points of presence ("POP"). This interrogatory may be answered with network diagrams.

20. On an MSA-specific basis, in the southern states please describe with specificity the configuration of your transport and/or loop facilities; including, but not limited to: (a) the configuration of your facilities (e.g., point to point or ring configuration); (b) the customer specific locations that are accessible from your facilities; and (c) a list of all customer units accessible in a multi-tenant building.

21. Provide a list of all fiber rings in the Southeastern states you own or control and identify the location (by street address) of each add-drop multiplexer or comparable facility for connection other transport facilities (e.g., wire centers, loops, other fiber rings) to the fiber ring.

22. Identify each shared or non-BellSouth location (e.g., collocation hotel) in the Southeastern states in which you are located. For each such location state:

- a. The type of collocation or sharing/leasing of space for placement of equipment (e.g., caged, cageless, shared, or virtual);
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching

provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

23. For each arrangement identified in response to Interrogatory 22 and in response to Interrogatory 15, please list the types of services that are provided utilizing such an arrangement.

- a. List all types of services you offer to your end users from each collocation space describe or demand and the quantity of each service you provide and/or offer.
- b. For each service identified in (a), list the average monthly revenue associated with each type of service.

24. Provide a list of all customer locations in each/any of the Southeastern states at which you have deployed high capacity loop facilities (DS3 or greater facilities, including dark fiber) that you own and where you are serving customers using those facilities. *This interrogatory varies from Interrogatory No. 8 in this docket as it is not limited to loop facilities solely used to provide retail service.* For each customer location, identify:

- a. The RSAG valid address of the customer location;
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc. from which the loop is extended to the customer location (by 11 character CLLI);
- c. Whether you have the unrestricted ability to serve all customers at that location, if the location is a multi-tenant location. If not, explain with particularity why not, including any restrictions on your ability to serve customers and the steps you have taken to address such restrictions.
- d. The total active capacity and the number of fiber strands on your facilities at the specific customer locations using the most recent data available;
- e. Whether your facilities are operationally ready to provide DS3 loops at the specific customer location.

25. Describe with particularity all factors you consider when deciding whether to extend high capacity loop or transport facilities to:

- a. pick up additional traffic;
- b. pick up additional or new customers;
- c. pick up additional or new buildings.

REQUESTS FOR PRODUCTION

1. Produce any maps and/or diagrams that illustrate the most current information available for the physical location of your high capacity transport and/or loop facilities within the Southeastern states.

2. Produce any documents identified in response to BellSouth's First or Second Set of Interrogatories.

3. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your actual or planned deployment of high capacity transport and/or loop facilities within the Southeastern states.

4. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your obtaining high capacity transport and/or loop facilities from other persons.

5. Produce all documents from 2000 to present referring or relating to how you determine whether or not to deploy high capacity transport and/or loop facilities.

DEFINITIONS

1. "You" and "your" refers to McLeodUSA Telecommunications Services, Inc. as well as any predecessors in interest, parent(s), subsidiaries, and affiliates, their present and former officers, employees, agents, directors, and all other persons acting or purporting to act on behalf of McLeodUSA Telecommunications Services, Inc..
2. "Affiliate" is defined as found in the Telecommunications Act of 1996. Section 3 of the Act defines the term "affiliate" as "a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term 'own' means to own an equity interest (or the equivalent thereof) of more than 10 percent." 47 U.S.C. § 153(1).
3. "Southeastern states" include the following states: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.
4. "DS3 transport" refers to transmission facilities with a total digital signal speed of 44.736 Mbps provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
5. "DS3 loop facilities" refer to a digital loop having a total signal speed of 44.736 megabytes per second provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
6. "DS1 transport" refers to transmission facilities with a total digital signal speed of 1.544 Mbps provided over various transmission media including, but not limited to, copper, fiber optics, coaxial cable, wireless, radio, and power line facilities.
7. "DS1 loop facilities" refer to a digital loop having a total signal speed of 1.544 megabytes per second provided over various transmission media including, but not limited to, two-wire and four-wire copper, coaxial cable, fiber optics, wireless, radio, and power line facilities.
8. "Dark fiber transport" refers to optical transmission facilities without activated electronics, through which no light is transmitted and no signal is carried.
9. "Dark fiber" refers to optical transmission facilities without attached electronics, through which no light is transmitted and no signal is carried.
10. "Optronics" refers to equipment, materials, and devices that are attached to dark fiber for the purpose of lighting the fiber to carry a signal to serve customers.
11. "IRU" refers to an indefeasible right of use, or a type of arrangement that conveys a right to use particular facilities for a specified amount of time that cannot be arbitrarily changed or altered.

12. "High capacity" refers to transmission facilities with a total digital signal speed of DS1 or higher.

13. "CLLI code" refers to the Common Language Location Identifier that is an 11-character alphanumeric code that identifies a specific physical location or specific piece of equipment at a physical location.

14. "ILEC CO" refers to BellSouth central offices.

15. "ILEC Wire Center" refers to a BellSouth building housing one or more switches.

16. "ILEC" refers to BellSouth.

17. "RSAG valid address" refers to the address of each customer location as it appears in RSAG (Regional Street Address Guide) or in any other telecommunications industry database, if known.

LIST OF PARTIES TO THIS PROCEEDING

Access Integrated Networks, Inc.
AT&T Communications of the South Central States, LLC
Birch Telecom of the South, Inc.
Brooks Fiber Communications of Tennessee, Inc.
Business Telecom, Inc.
Cinergy Communications Company
Citizens Telecommunications Company of Tennessee, LLC
Competitive Carriers of the South, Inc.
DIECA Communications, Inc. dba Covad Communications Company
ITC^DeltaCom Communications of the South Central States, Inc.
Electric Power Board of Chattanooga
IDS Telecom, LLC
KMC Telecom III, LLC
MCI WorldCom Communications, Inc.
MCImetro Access Transmission Services, LLC
Network Telephone Corporation
NewSouth Communications Corp.
Nuvox Communications, Inc.
Qwest Communications, Inc.
Sprint Communications Company, LP
TalkAmerica, Inc.
Time Warner Telecommunications of the MidSouth, LLC
United Telephone-Southeast, Inc.
Xspedius Communications

Z-Tel Communications

State:

[illegible]

Question 4 Spreadsheet Self-provisioned Transport Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Question 5 Wholesale Transport Information Spreadsheet Page 2: Collocation Access

Wire Center "A"		Wire Center "Z"	
Wire Center CLLI code	Collocation ACTL CLLI	Collocation ACTL CLLI	Collocation "owner"

Self-Provisioned Retail Loop Information Spreadsheet, page 1

State:											
Customer Address		Reporting Company Name	Facility wholly owned (Yes, No)	If No, third party facility vendor	Dark Fiber from BellSouth on IRU basis (Yes, No)	Can serve all at location (Yes, No)	If No, Indicate line # Ref, Pg 2	Capacity In-Service		Total Capacity Deployed	
City	Zip							DS3	Fibers	DS3	Fibers
RSAG Valid Address (Street name and number, directional)											

Self-Provisioned Retail Loop Information Spreadsheet page 2
Retail Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip	Barrier to access	Steps taken to remove barrier

Wholesale Loop Information Spreadsheet page 2
Wholesale Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip	Barrier to access	Steps taken to remove barrier

BellSouth Telecommunications, Inc.
Suite 2101
333 Commerce Street
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

Guy M. Hicks
General Counsel

615 214-6301
Fax 615 214-7406

December 2, 2003

Memphis Networx, LLC
WT&C Corporate Services, Inc.
2525 West End Ave., #1500
Nashville, TN 37203-1423

Re: *Implementation of the Federal Communications Commission's Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*
Docket No. 03-00527

Dear Registered Agent:

Attached is a Subpoena *Duces Tecum* for Deposition issued by the Tennessee Regulatory Authority. Also attached is a Protective Order that is expected to be entered by the Tennessee Regulatory Authority, or its Hearing Officer, in this proceeding. Paragraph 13 of the Protective Order provides that:

13. Non-party witnesses, including entities responding to subpoenas, data requests or other third party discovery propounded by parties or the TRA, shall be entitled to invoke the provisions of this Order by designating information disclosed or documents produced for use in this action as CONFIDENTIAL in which event the provisions of this Order shall govern the disclosure of information or documents provided by the non-party witness. A non-party witness' designation of information as confidential may be challenged under Paragraph 11 of this Order.

If the recipient of this Subpoena provides information which is fully and completely responsive to the Subpoena by BellSouth by **December 16, 2003**, BellSouth will agree to dispense with the oral deposition. Please contact Carolyn Hanesworth at 615/214-6324 to make any necessary arrangements regarding the scheduling of depositions.

If you wish to receive a copy of the subpoena by e-mail, please provide Ms. Hanesworth with your e-mail address. You may call 615/214-6324 or send your request via e-mail to carolyn.hanesworth@bellsouth.com.

Very truly yours,

Guy M. Hicks

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Implementation of the Federal Communications Commission's
Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*

Docket No. 03-00527

SUBPOENA DUCES TECUM FOR DEPOSITION

To: Memphis Networkx, LLC, WT&C Corporate Services, Inc., 2525 West End
Ave., #1500, Nashville, TN 37203-1423

YOU ARE COMMANDED to appear before a person authorized by law to
take depositions at the offices BellSouth Telecommunications, Inc., 333 Commerce
Street, Suite, 2101, Nashville, TN 37201 on December 16, 2003, at 2:00 p.m. to
testify in this action, and to have with you at that time and place the following:

1. Documents reflecting your ownership and use of high capacity loop
and transport facilities, including high capacity loop and transport
facilities that might be used by other carriers to provide services to
customers in Tennessee.
2. All information set forth in the Attachment, "Matters upon which
examination is requested per T.C.A. §§ 4-5-311 and 65-2-102."

These items will be inspected and may be copied at that time. You will not
be required to surrender the original items.

YOU ARE SUBPOENAED to appear by the following attorney(s) and, unless
excused from this subpoena by these attorney(s) or the Authority you shall
respond to this subpoena as directed.

Guy M. Hicks
Joelle J. Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300
615/214-6301

Date of Issuance: 12/2/03

Richard Collier
Richard Collier, General Counsel
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243

MATTERS UPON WHICH EXAMINATION IS REQUESTED

1. Affirm or deny that you have self-provided high capacity transport facilities that you own (i.e., any DS3 or greater facilities, including dark fiber) that provide transport along a route between a pair of ILEC central offices or wire centers in each/any of the nine Southeastern states for use in your own operations. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each central office of the pair and be operationally ready to provide transport into or out of each office of the pair. Answer this question in the affirmative if you are self-providing such facilities. For purposes of this question, you “own” transport facilities if (i) you have legal title to the facility; or (ii) if you have obtained dark fiber under a long term (10 or more years) IRU and have attached your own optronics to light the facility. Facilities obtained through any other means, including but not limited to special access, unbundled network elements or other services or facilities obtained from third parties, should not be included in this response.

[illegible]

2. Affirm or deny that you offer to carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that you own that provide a route between a pair of ILEC central offices or wire centers, to one or more pair of wire centers, in each/any of the nine states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair. Answer this question in the affirmative if you are offering such facilities. For purposes of this question, you “own” a facility (i) if you have legal title to the facility, or (ii) if you have obtained on an unbundled, leased or purchased basis dark fiber and have attached your own optronics to light the facility and are serving customers using the facility. Facilities obtained through any other means, including but not limited to special access, other unbundled network elements or other services obtained from third parties, should not be included in this response.

[illegible]

3. Affirm or deny whether you have acquired on a wholesale basis from a third party (other than the ILEC or a CLEC that is a party to this proceeding) DS1, DS3, or dark fiber transport between two or more ILEC central offices in each/any of the Southeastern states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6)) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair.

Sample Form for Response to Question 3									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

4. For each state in Question 1 that you answered in the affirmative (that you have deployed or self-provide high capacity transport for use in your own operations), provide a list of all the paired ILEC CO to ILEC CO routes on which you have deployed such facilities identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your self-provided transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code for the collocation arrangement.
- c. Whether your self-provided transport facilities are provisioned entirely on facilities you own (as defined in Question 1).
- d. If any of your self-provided transport facilities include facilities obtained through third parties (Yes, No); if your response is yes, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are able to immediately provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

5. For each state in Question 2 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher, or dark fiber capacity transport) provide a list of all ILEC CO to ILEC CO routes along which you provide such transport identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up the end points of each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your wholesale transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code of the collocation arrangement.
- c. Whether your wholesale transport services are provisioned entirely on facilities you own (as defined in Question 2).
- d. If any of your self-provided transport facilities include facilities obtained through third parties, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are willing and able immediately to provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

6. For each state in Question 3 that you answered in the affirmative (that you have acquired on a wholesale basis DS1, DS3 or higher, or dark fiber transport), provide the following in electronic format using the worksheet related to both self-provided (the Question 4 spreadsheet) and wholesale facilities (the Question 5 spreadsheet):

- a. The CLLI codes of the ILEC wire centers or COs of the starting and ending points of the transport routes;
- b. The name of the carrier or company from whom you received or purchased the transport;
- c. Whether you are operationally ready to provide transport using these facilities; and
- d. The capacity deployed and the capacity active on the route as of September 30, 2003.

7. If, in response to Questions 4 and 5, you denied any of the specified characteristics, explain in detail the basis for your response. For example, if your wholesale operations are affiliated with another provider, state the name of the provider with whom you are affiliated. State also whether there are other limitations on your wholesale operations; if so, describe in detail any such limitations.

[illegible][illegible]

10. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of retail services to your customers, to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 8 above should not be included in this response.

Sample Response Form-Question 10: 3 rd Party facilities leased for providing retail service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

11. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of services on a wholesale basis to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 9 above should not be included in this response.

Sample Response Form-Question 11: 3 rd Party facilities leased for reselling as wholesale service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

12. For each state in Question 8 and 10 that you answered in the affirmative (that you have self-provided or obtained from a third party other than the ILEC or a CLEC that is a party to this proceeding high capacity loops or dark fiber for use in your own operations in providing retail service to your customers) provide a list of the customer locations to which you have deployed such loops, (in electronic format using the attached spreadsheets) identifying:

- The RSAG valid address of each customer location.
- The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc., from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis (Yes, No).
- Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve

customers and explain any and all actions you have taken to address such restrictions.

- f. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

13. For each state in Questions 9 and 11 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher capacity loops) provide a list of the customer locations to which you have provided such loops (in electronic format using the attached spreadsheets), identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the location from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis or UNE basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve customers and explain any and all actions you have taken to eliminate such restrictions.
- f. Indicate whether other carriers have access to these wholesale facilities at a technically feasible point (e.g., manhole, meet point, collocation, etc).
- g. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

14. List all BellSouth wire centers in the Southeastern states where you have collocation, either virtual or physical. In Microsoft Excel format, list the 11-character wire center CLLI code and the CLLI code designating each arrangement you have within that wire center. For each wire center listed identify:

- a. The type of collocation (caged, cageless, shared, virtual, other (with a description)) and identify the total amount of space currently occupied and reserved for future growth;
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

- d. The amount of unused or excess space in each collocation space.
- e. The number of active and inactive DS1 cross connects
- f. The number of active and inactive DS3 Cross-connects
- g. The number of active and inactive 2-fiber cross-connects
- h. The number of active and inactive 4-fiber cross-connects.
- i. State whether you have deployed fiber "entrance" facilities that you own which connect to the collocation arrangements identified.
- j. State whether you have fiber "entrance" facilities that you have obtained from a person other than BellSouth which connect to the collocation arrangements identified.
- k. State whether you have fiber cross-connects which connect the identified arrangement(s) to other persons collocated at the same wire center. If yes, (i) identify all carriers to which your arrangements are connected within the wire center; and (ii) identify the capacity or type of connection.

15. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states to which you have deployed high capacity transport facilities that are operationally ready to provide dedicated transport along a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 1 in this docket as it seeks wire centers/central offices even if you are not actually providing transport from the locations; it also seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the IXC transport route should be identified:

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;
- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement
- d. The total active capacity and number of fiber strands deployed as of the most recent date available;
- e. The type of facility (e.g., fiber, coaxial cable, etc.).

16. For each central office/wire center identified in response to Interrogatory No. 15:

- a. Are your transport facilities operationally ready to provide dedicated transport between the central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central offices on the list that does not satisfy part (a) and explain with particularity why not.

17. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states from which you offer to other carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that provide a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 2 in this docket as it seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the transport route between IXC – points of presence ("POP") should be identified:

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;

- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

17. For each central office/wire center identified in response to Interrogatory No. 16:

- a. Are you willing and able immediately to provide high capacity transport, on a wholesale basis, over transport facilities between the wire central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central office/wire center on the list that does not satisfy part (a) and explain with particularity why not.

18. Identify the points within all Southeastern states at which you connect your local network facilities to the networks of other carriers, including but not limited to interconnection with other CLECs, interexchange carriers, internet service providers at any point of presence ("POP"), network access point ("NAP"), collocation hotels, data centers, or similar facility. This interrogatory may be answered with network diagrams.

19. Identify the points within all Southeastern states at which you connect your local network facilities to BellSouth's network, including but not limited to any and all points of presence ("POP"). This interrogatory may be answered with network diagrams.

20. On an MSA-specific basis, in the southern states please describe with specificity the configuration of your transport and/or loop facilities; including, but not limited to: (a) the configuration of your facilities (e.g., point to point or ring configuration); (b) the customer specific locations that are accessible from your facilities; and (c) a list of all customer units accessible in a multi-tenant building.

21. Provide a list of all fiber rings in the Southeastern states you own or control and identify the location (by street address) of each add-drop multiplexer or comparable facility for connection other transport facilities (e.g., wire centers, loops, other fiber rings) to the fiber ring.

22. Identify each shared or non-BellSouth location (e.g., collocation hotel) in the Southeastern states in which you are located. For each such location state:

- a. The type of collocation or sharing/leasing of space for placement of equipment (e.g., caged, cageless, shared, or virtual);
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching

provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

23. For each arrangement identified in response to Interrogatory 22 and in response to Interrogatory 15, please list the types of services that are provided utilizing such an arrangement.

- a. List all types of services you offer to your end users from each collocation space describe or demand and the quantity of each service you provide and/or offer.
- b. For each service identified in (a), list the average monthly revenue associated with each type of service.

24. Provide a list of all customer locations in each/any of the Southeastern states at which you have deployed high capacity loop facilities (DS3 or greater facilities, including dark fiber) that you own and where you are serving customers using those facilities. This interrogatory varies from Interrogatory No. 8 in this docket as it is not limited to loop facilities solely used to provide retail service. For each customer location, identify:

- a. The RSAG valid address of the customer location;
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc. from which the loop is extended to the customer location (by 11 character CLLI);
- c. Whether you have the unrestricted ability to serve all customers at that location, if the location is a multi-tenant location. If not, explain with particularity why not, including any restrictions on your ability to serve customers and the steps you have taken to address such restrictions.
- d. The total active capacity and the number of fiber strands on your facilities at the specific customer locations using the most recent data available;
- e. Whether your facilities are operationally ready to provide DS3 loops at the specific customer location.

25. Describe with particularity all factors you consider when deciding whether to extend high capacity loop or transport facilities to:

- a. pick up additional traffic;
- b. pick up additional or new customers;
- c. pick up additional or new buildings.

REQUESTS FOR PRODUCTION

1. Produce any maps and/or diagrams that illustrate the most current information available for the physical location of your high capacity transport and/or loop facilities within the Southeastern states.

2. Produce any documents identified in response to BellSouth's First or Second Set of Interrogatories.

3. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your actual or planned deployment of high capacity transport and/or loop facilities within the Southeastern states.

4. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your obtaining high capacity transport and/or loop facilities from other persons.

5. Produce all documents from 2000 to present referring or relating to how you determine whether or not to deploy high capacity transport and/or loop facilities.

DEFINITIONS

1. "You" and "your" refers to Memphis Networkx, LLC as well as any predecessors in interest, parent(s), subsidiaries, and affiliates, their present and former officers, employees, agents, directors, and all other persons acting or purporting to act on behalf of Memphis Networkx, LLC.
2. "Affiliate" is defined as found in the Telecommunications Act of 1996. Section 3 of the Act defines the term "affiliate" as "a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term 'own' means to own an equity interest (or the equivalent thereof) of more than 10 percent." 47 U.S.C. § 153(1).
3. "Southeastern states" include the following states: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.
4. "DS3 transport" refers to transmission facilities with a total digital signal speed of 44.736 Mbps provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
5. "DS3 loop facilities" refer to a digital loop having a total signal speed of 44.736 megabytes per second provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
6. "DS1 transport" refers to transmission facilities with a total digital signal speed of 1.544 Mbps provided over various transmission media including, but not limited to, copper, fiber optics, coaxial cable, wireless, radio, and power line facilities.
7. "DS1 loop facilities" refer to a digital loop having a total signal speed of 1.544 megabytes per second provided over various transmission media including, but not limited to, two-wire and four-wire copper, coaxial cable, fiber optics, wireless, radio, and power line facilities.
8. "Dark fiber transport" refers to optical transmission facilities without activated electronics, through which no light is transmitted and no signal is carried.
9. "Dark fiber" refers to optical transmission facilities without attached electronics, through which no light is transmitted and no signal is carried.
10. "Optonics" refers to equipment, materials, and devices that are attached to dark fiber for the purpose of lighting the fiber to carry a signal to serve customers.
11. "IRU" refers to an indefeasible right of use, or a type of arrangement that conveys a right to use particular facilities for a specified amount of time that cannot be arbitrarily changed or altered.

12. "High capacity" refers to transmission facilities with a total digital signal speed of DS1 or higher.

13. "CLLI code" refers to the Common Language Location Identifier that is an 11-character alphanumeric code that identifies a specific physical location or specific piece of equipment at a physical location.

14. "ILEC CO" refers to BellSouth central offices.

15. "ILEC Wire Center" refers to a BellSouth building housing one or more switches.

16. "ILEC" refers to BellSouth.

17. "RSAG valid address" refers to the address of each customer location as it appears in RSAG (Regional Street Address Guide) or in any other telecommunications industry database, if known.

LIST OF PARTIES TO THIS PROCEEDING

Access Integrated Networks, Inc.
AT&T Communications of the South Central States, LLC
Birch Telecom of the South, Inc.
Brooks Fiber Communications of Tennessee, Inc.
Business Telecom, Inc.
Cinergy Communications Company
Citizens Telecommunications Company of Tennessee, LLC
Competitive Carriers of the South, Inc.
DIECA Communications, Inc. dba Covad Communications Company
ITC^DeltaCom Communications of the South Central States, Inc.
Electric Power Board of Chattanooga
IDS Telecom, LLC
KMC Telecom III, LLC
MCI WorldCom Communications, Inc.
MCImetro Access Transmission Services, LLC
Network Telephone Corporation
NewSouth Communications Corp.
Nuvox Communications, Inc.
Qwest Communications, Inc.
Sprint Communications Company, LP
TalkAmerica, Inc.
Time Warner Telecommunications of the MidSouth, LLC
United Telephone-Southeast, Inc.
Xspedius Communications

Z-Tel Communications

State:

[illegible]

Question 5 Wholesale Transport Information Spreadsheet Page 2: Collocation Access

Question 3 Wholesale Transport Information - Part 1					
Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Self-Provisioned Retail Loop Information Spreadsheet, page 1

State:			
Customer Address			
RSAG Valid Address (Street name and number, directional)	City	Zip	
Reporting Company Name			
Facility wholly owned (Yes, No)			
If No, third party facility vendor			
Dark Fiber from BellSouth on IRU basis (Yes, No)			
Can serve all at location (Yes, No)			
If No, Indicate line # Ref, Pg 2			
Capacity In-Service		Total Capacity Deployed	
DS3	Fibers	DS3	Fibers

Self-Provisioned Retail Loop Information Spreadsheet page 2
Retail Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip	Barrier to access	Steps taken to remove barrier

Wholesale Loop Information Spreadsheet page 2
Wholesale Loop Premises Access

Customer Address	City	Zip	Barrier to access	Steps taken to remove barrier
Address (Street name and number, directional)				

BellSouth Telecommunications, Inc.
Suite 2101
333 Commerce Street
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

Guy M. Hicks
General Counsel

615 214-6301
Fax 615 214-7406

December 2, 2003

MetroNet, Incorporated
Ansley T. Moses
832 Georgia Avenue, #100
Chattanooga, TN 37402

Re: *Implementation of the Federal Communications Commission's Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*
Docket No. 03-00527

Dear Registered Agent:

Attached is a Subpoena *Duces Tecum* for Deposition issued by the Tennessee Regulatory Authority. Also attached is a Protective Order that is expected to be entered by the Tennessee Regulatory Authority, or its Hearing Officer, in this proceeding. Paragraph 13 of the Protective Order provides that:

13. Non-party witnesses, including entities responding to subpoenas, data requests or other third party discovery propounded by parties or the TRA, shall be entitled to invoke the provisions of this Order by designating information disclosed or documents produced for use in this action as CONFIDENTIAL in which event the provisions of this Order shall govern the disclosure of information or documents provided by the non-party witness. A non-party witness' designation of information as confidential may be challenged under Paragraph 11 of this Order.

If the recipient of this Subpoena provides information which is fully and completely responsive to the Subpoena by BellSouth by **December 16, 2003**, BellSouth will agree to dispense with the oral deposition. Please contact Carolyn Hanesworth at 615/214-6324 to make any necessary arrangements regarding the scheduling of depositions.

If you wish to receive a copy of the subpoena by e-mail, please provide Ms. Hanesworth with your e-mail address. You may call 615/214-6324 or send your request via e-mail to carolyn.hanesworth@bellsouth.com.

Very truly yours,


Guy M. Hicks

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Implementation of the Federal Communications Commission's
Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*

Docket No. 03-00527

SUBPOENA DUCES TECUM FOR DEPOSITION

To: MetroNet, Incorporated, Ansley T. Moses, 832 Georgia Avenue, #100,
Chattanooga, TN 37402

YOU ARE COMMANDED to appear before a person authorized by law to take depositions at the offices BellSouth Telecommunications, Inc., 333 Commerce Street, Suite, 2101, Nashville, TN 37201 on December 16, 2003, at 2:00 p.m. to testify in this action, and to have with you at that time and place the following:

1. Documents reflecting your ownership and use of high capacity loop and transport facilities, including high capacity loop and transport facilities that might be used by other carriers to provide services to customers in Tennessee.
2. All information set forth in the Attachment, "Matters upon which examination is requested per T.C.A. §§ 4-5-311 and 65-2-102."

These items will be inspected and may be copied at that time. You will not be required to surrender the original items.

YOU ARE SUBPOENAED to appear by the following attorney(s) and, unless excused from this subpoena by these attorney(s) or the Authority you shall respond to this subpoena as directed.

Guy M. Hicks
Joelle J. Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300
615/214-6301

Date of Issuance: 12/2/03

Richard Collier

Richard Collier, General Counsel
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243

MATTERS UPON WHICH EXAMINATION IS REQUESTED
PURSUANT TO T.C.A. §§ 4-5-311 and 65-2-102

1. Affirm or deny that you have self-provided high capacity transport facilities that you own (i.e., any DS3 or greater facilities, including dark fiber) that provide transport along a route between a pair of ILEC central offices or wire centers in each/any of the nine Southeastern states for use in your own operations. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each central office of the pair and be operationally ready to provide transport into or out of each office of the pair. Answer this question in the affirmative if you are self-providing such facilities For purposes of this question, you “own” transport facilities if (i) you have legal title to the facility; or (ii) if you have obtained dark fiber under a long term (10 or more years) IRU and have attached your own optronics to light the facility. Facilities obtained through any other means, including but not limited to special access, unbundled network elements or other services or facilities obtained from third parties, should not be included in this response.

[illegible]

2. Affirm or deny that you offer to carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that you own that provide a route between a pair of ILEC central offices or wire centers, to one or more pair of wire centers, in each/any of the nine states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair. Answer this question in the affirmative if you are offering such facilities. For purposes of this question, you “own” a facility (i) if you have legal title to the facility, or (ii) if you have obtained on an unbundled, leased or purchased basis dark fiber and have attached your own optronics to light the facility and are serving customers using the facility. Facilities obtained through any other means, including but not limited to special access, other unbundled network elements or other services obtained from third parties, should not be included in this response.

[illegible]

3. Affirm or deny whether you have acquired on a wholesale basis from a third party (other than the ILEC or a CLEC that is a party to this proceeding) DS1, DS3, or dark fiber transport between two or more ILEC central offices in each/any of the Southeastern states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6)) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair.

Sample Form for Response to Question 3									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

4. For each state in Question 1 that you answered in the affirmative (that you have deployed or self-provide high capacity transport for use in your own operations), provide a list of all the paired ILEC CO to ILEC CO routes on which you have deployed such facilities identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your self-provided transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code for the collocation arrangement.
- c. Whether your self-provided transport facilities are provisioned entirely on facilities you own (as defined in Question 1).
- d. If any of your self-provided transport facilities include facilities obtained through third parties (Yes, No); if your response is yes, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are able to immediately provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

5. For each state in Question 2 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher, or dark fiber capacity transport) provide a list of all ILEC CO to ILEC CO routes along which you provide such transport identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up the end points of each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your wholesale transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code of the collocation arrangement.
- c. Whether your wholesale transport services are provisioned entirely on facilities you own (as defined in Question 2).
- d. If any of your self-provided transport facilities include facilities obtained through third parties, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are willing and able immediately to provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

6. For each state in Question 3 that you answered in the affirmative (that you have acquired on a wholesale basis DS1, DS3 or higher, or dark fiber transport), provide the following in electronic format using the worksheet related to both self-provided (the Question 4 spreadsheet) and wholesale facilities (the Question 5 spreadsheet):

- a. The CLLI codes of the ILEC wire centers or COs of the starting and ending points of the transport routes;
- b. The name of the carrier or company from whom you received or purchased the transport;
- c. Whether you are operationally ready to provide transport using these facilities; and
- d. The capacity deployed and the capacity active on the route as of September 30, 2003.

7. If, in response to Questions 4 and 5, you denied any of the specified characteristics, explain in detail the basis for your response. For example, if your wholesale operations are affiliated with another provider, state the name of the provider with whom you are affiliated. State also whether there are other limitations on your wholesale operations; if so, describe in detail any such limitations.

[illegible][illegible]

10. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of retail services to your customers, to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 8 above should not be included in this response.

Sample Response Form-Question 10: 3 rd Party facilities leased for providing retail service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

11. Affirm or deny that you have obtained from a third party (other than the ILEC or a CLEC that is a party to this proceeding), high capacity loops or dark fiber loops for the provisioning of services on a wholesale basis to one or more customer locations in each/any of the nine Southeastern states. Self-provided facilities that you "own" as defined in 9 above should not be included in this response.

Sample Response Form-Question 11: 3 rd Party facilities leased for reselling as wholesale service									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

12. For each state in Question 8 and 10 that you answered in the affirmative (that you have self-provided or obtained from a third party other than the ILEC or a CLEC that is a party to this proceeding high capacity loops or dark fiber for use in your own operations in providing retail service to your customers) provide a list of the customer locations to which you have deployed such loops, (in electronic format using the attached spreadsheets) identifying:

- The RSAG valid address of each customer location.
- The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc., from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis (Yes, No).
- Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve

customers and explain any and all actions you have taken to address such restrictions.

- f. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

13. For each state in Questions 9 and 11 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher capacity loops) provide a list of the customer locations to which you have provided such loops (in electronic format using the attached spreadsheets), identifying:

- a. The RSAG valid address of each customer location.
- b. The CLLI code of the location from which the loop is extended to the customer location. (Provide the full 11-character CLLI.)
- c. Indicate whether the facility is wholly owned by you (Yes, No); if no, provide the name of the vendor from whom you have purchased all or a portion of the facilities.
- d. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis or UNE basis (Yes, No).
- e. Indicate whether or not you have the unrestricted ability to serve all customers at that location if it is a multi-tenant location. (Yes, No, NA). This includes access to all units in the building, access to all buildings in a campus environment and equivalent access to the same minimum point of entry (MPOE), common space, house and riser and other intra building wire as the ILEC. If no, explain in detail any restrictions on your ability to serve customers and explain any and all actions you have taken to eliminate such restrictions.
- f. Indicate whether other carriers have access to these wholesale facilities at a technically feasible point (e.g., manhole, meet point, collocation, etc).
- g. The capacity deployed and capacity activated to the specific location as of September 30, 2003.

14. List all BellSouth wire centers in the Southeastern states where you have collocation, either virtual or physical. In Microsoft Excel format, list the 11-character wire center CLLI code and the CLLI code designating each arrangement you have within that wire center. For each wire center listed identify:

- a. The type of collocation (caged, cageless, shared, virtual, other (with a description)) and identify the total amount of space currently occupied and reserved for future growth;
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

- d. The amount of unused or excess space in each collocation space.
- e. The number of active and inactive DS1 cross connects
- f. The number of active and inactive DS3 Cross-connects
- g. The number of active and inactive 2-fiber cross-connects
- h. The number of active and inactive 4-fiber cross-connects.
- i. State whether you have deployed fiber "entrance" facilities that you own which connect to the collocation arrangements identified.
- j. State whether you have fiber "entrance" facilities that you have obtained from a person other than BellSouth which connect to the collocation arrangements identified.
- k. State whether you have fiber cross-connects which connect the identified arrangement(s) to other persons collocated at the same wire center. If yes, (i) identify all carriers to which your arrangements are connected within the wire center; and (ii) identify the capacity or type of connection.

15. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states to which you have deployed high capacity transport facilities that are operationally ready to provide dedicated transport along a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 1 in this docket as it seeks wire centers/central offices even if you are not actually providing transport from the locations; it also seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the IXC transport route should be identified:

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;
- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement
- d. The total active capacity and number of fiber strands deployed as of the most recent date available;
- e. The type of facility (e.g., fiber, coaxial cable, etc.).

16. For each central office/wire center identified in response to Interrogatory No. 15:

- a. Are your transport facilities operationally ready to provide dedicated transport between the central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central offices on the list that does not satisfy part (a) and explain with particularity why not.

17. Provide a list of all BellSouth wire centers and/or central offices in the Southeastern states from which you offer to other carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that provide a route, directly, or indirectly through a location not affiliated with BellSouth, to one other BellSouth central office. The facilities must terminate to an active collocation arrangement. This interrogatory varies from Interrogatory No. 2 in this docket as it seeks wire centers/central offices that your facilities route through directly or indirectly. For example, in answering this Interrogatory, provide information about facilities that may indirectly provide transport along a route, for example, using the diagram below, the transport route between IXC – points of presence ("POP") should be identified:

BST wire center → IXC POP ← → IXC POP → BST wire center

For each central office or wire center that you list, identify:

- a. The CLLI code of the central office.
- b. The type of collocation at which the facilities terminate;
- c. The customer name of record for the collocation arrangement and the 11-character CLLI code for the collocation arrangement;
- d. Indicate whether the facilities are provided over dark fiber you have obtained from BellSouth;
- e. The total active capacity and number of fiber strands deployed as of the most recent date available;
- f. Whether you are able and able immediately to provide DS1 transport, on a wholesale basis, over the transport facilities;
- g. Whether you are willing and able immediately to provide DS3 transport, on a wholesale basis, over the transport facilities;

- h. Whether you are willing and able immediately to provide dark fiber transport, on a wholesale basis, over the transport facilities.

17. For each central office/wire center identified in response to Interrogatory No. 16:

- a. Are you willing and able immediately to provide high capacity transport, on a wholesale basis, over transport facilities between the wire central office/wire center identified and any other ILEC wire center on the same list?
- b. If your responses to part (a) above is negative, identify each such the ILEC central office/wire center on the list that does not satisfy part (a) and explain with particularity why not.

18. Identify the points within all Southeastern states at which you connect your local network facilities to the networks of other carriers, including but not limited to interconnection with other CLECs, interexchange carriers, internet service providers at any point of presence ("POP"), network access point ("NAP"), collocation hotels, data centers, or similar facility. This interrogatory may be answered with network diagrams.

19. Identify the points within all Southeastern states at which you connect your local network facilities to BellSouth's network, including but not limited to any and all points of presence ("POP"). This interrogatory may be answered with network diagrams.

20. On an MSA-specific basis, in the southern states please describe with specificity the configuration of your transport and/or loop facilities; including, but not limited to: (a) the configuration of your facilities (e.g., point to point or ring configuration); (b) the customer specific locations that are accessible from your facilities; and (c) a list of all customer units accessible in a multi-tenant building.

21. Provide a list of all fiber rings in the Southeastern states you own or control and identify the location (by street address) of each add-drop multiplexer or comparable facility for connection other transport facilities (e.g., wire centers, loops, other fiber rings) to the fiber ring.

22. Identify each shared or non-BellSouth location (e.g., collocation hotel) in the Southeastern states in which you are located. For each such location state:

- a. The type of collocation or sharing/leasing of space for placement of equipment (e.g., caged, cageless, shared, or virtual);
- b. The type of equipment and number of equivalent DS0 channels for all services in the collocation space (e.g., DLC, remote switches, multiplexers, transmission terminals, etc.).
- c. The transmission facilities and number of equivalent DS0 channels for all services used to connect the office to your switch or non-ILEC switching

provider (e.g., BellSouth UNEs, BellSouth special access, self provision, third party provision).

23. For each arrangement identified in response to Interrogatory 22 and in response to Interrogatory 15, please list the types of services that are provided utilizing such an arrangement.

- a. List all types of services you offer to your end users from each collocation space describe or demand and the quantity of each service you provide and/or offer.
- b. For each service identified in (a), list the average monthly revenue associated with each type of service.

24. Provide a list of all customer locations in each/any of the Southeastern states at which you have deployed high capacity loop facilities (DS3 or greater facilities, including dark fiber) that you own and where you are serving customers using those facilities. *This interrogatory varies from Interrogatory No. 8 in this docket as it is not limited to loop facilities solely used to provide retail service.* For each customer location, identify:

- a. The RSAG valid address of the customer location;
- b. The CLLI code of the CLEC switch, wire center, collocation, point of interconnection, etc. from which the loop is extended to the customer location (by 11 character CLLI);
- c. Whether you have the unrestricted ability to serve all customers at that location, if the location is a multi-tenant location. If not, explain with particularity why not, including any restrictions on your ability to serve customers and the steps you have taken to address such restrictions.
- d. The total active capacity and the number of fiber strands on your facilities at the specific customer locations using the most recent data available;
- e. Whether your facilities are operationally ready to provide DS3 loops at the specific customer location.

25. Describe with particularity all factors you consider when deciding whether to extend high capacity loop or transport facilities to:

- a. pick up additional traffic;
- b. pick up additional or new customers;
- c. pick up additional or new buildings.

REQUESTS FOR PRODUCTION

1. Produce any maps and/or diagrams that illustrate the most current information available for the physical location of your high capacity transport and/or loop facilities within the Southeastern states.

2. Produce any documents identified in response to BellSouth's First or Second Set of Interrogatories.

3. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your actual or planned deployment of high capacity transport and/or loop facilities within the Southeastern states.

4. Produce any business case from 2000 to present in your possession, custody, or control that evaluates, discusses, analyzes or otherwise refers or relates to your obtaining high capacity transport and/or loop facilities from other persons.

5. Produce all documents from 2000 to present referring or relating to how you determine whether or not to deploy high capacity transport and/or loop facilities.

DEFINITIONS

1. "You" and "your" refers to MetroNet, Incorporated as well as any predecessors in interest, parent(s), subsidiaries, and affiliates, their present and former officers, employees, agents, directors, and all other persons acting or purporting to act on behalf of MetroNet, Incorporated.
2. "Affiliate" is defined as found in the Telecommunications Act of 1996. Section 3 of the Act defines the term "affiliate" as "a person that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person. For purposes of this paragraph, the term 'own' means to own an equity interest (or the equivalent thereof) of more than 10 percent." 47 U.S.C. § 153(1).
3. "Southeastern states" include the following states: Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee.
4. "DS3 transport" refers to transmission facilities with a total digital signal speed of 44.736 Mbps provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
5. "DS3 loop facilities" refer to a digital loop having a total signal speed of 44.736 megabytes per second provided over various transmission media including, but not limited to, fiber optics, coaxial cable, wireless, radio, and power line facilities.
6. "DS1 transport" refers to transmission facilities with a total digital signal speed of 1.544 Mbps provided over various transmission media including, but not limited to, copper, fiber optics, coaxial cable, wireless, radio, and power line facilities.
7. "DS1 loop facilities" refer to a digital loop having a total signal speed of 1.544 megabytes per second provided over various transmission media including, but not limited to, two-wire and four-wire copper, coaxial cable, fiber optics, wireless, radio, and power line facilities.
8. "Dark fiber transport" refers to optical transmission facilities without activated electronics, through which no light is transmitted and no signal is carried.
9. "Dark fiber" refers to optical transmission facilities without attached electronics, through which no light is transmitted and no signal is carried.
10. "Optronics" refers to equipment, materials, and devices that are attached to dark fiber for the purpose of lighting the fiber to carry a signal to serve customers.
11. "IRU" refers to an indefeasible right of use, or a type of arrangement that conveys a right to use particular facilities for a specified amount of time that cannot be arbitrarily changed or altered.

12. "High capacity" refers to transmission facilities with a total digital signal speed of DS1 or higher.

13. "CLLI code" refers to the Common Language Location Identifier that is an 11-character alphanumeric code that identifies a specific physical location or specific piece of equipment at a physical location.

14. "ILEC CO" refers to BellSouth central offices.

15. "ILEC Wire Center" refers to a BellSouth building housing one or more switches.

16. "ILEC" refers to BellSouth.

17. "RSAG valid address" refers to the address of each customer location as it appears in RSAG (Regional Street Address Guide) or in any other telecommunications industry database, if known.

LIST OF PARTIES TO THIS PROCEEDING

Access Integrated Networks, Inc.
AT&T Communications of the South Central States, LLC
Birch Telecom of the South, Inc.
Brooks Fiber Communications of Tennessee, Inc.
Business Telecom, Inc.
Cinergy Communications Company
Citizens Telecommunications Company of Tennessee, LLC
Competitive Carriers of the South, Inc.
DIECA Communications, Inc. dba Covad Communications Company
ITC^DeltaCom Communications of the South Central States, Inc.
Electric Power Board of Chattanooga
IDS Telecom, LLC
KMC Telecom III, LLC
MCI WorldCom Communications, Inc.
MCImetro Access Transmission Services, LLC
Network Telephone Corporation
NewSouth Communications Corp.
Nuvox Communications, Inc.
Qwest Communications, Inc.
Sprint Communications Company, LP
TalkAmerica, Inc.
Time Warner Telecommunications of the MidSouth, LLC
United Telephone-Southeast, Inc.
Xspedius Communications

Z-Tel Communications

State:

[illegible]

Question 4 Spreadsheet Self-provisioned Transport Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Question 5 Wholesale Transport Information Spreadsheet Page 2: Collocation Access

Wire Center "A"			Wire Center "Z"		
Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"	Wire Center CLLI code	Collocation ACTL CLLI	Collocation "owner"

Self-Provisioned Retail Loop Information Spreadsheet, page 1

State:

Customer Address		City	Zip	CLLI from which loop extends	Reporting Company Name	Facility wholly owned (Yes, No)	If No, third party facility vendor	Dark Fiber from BellSouth on IRU basis (Yes, No)	Can serve all at location (Yes, No)	If No, Indicate line # Ref, Pg 2	Capacity In-Service		Total Capacity Deployed	
RSAG Valid Address (Street name and number, directional)	DS3										Fibers	DS3	Fibers	

Self-Provisioned Retail Loop Information Spreadsheet page 2
Retail Loop Premises Access

Customer Address Address (Street name and number, directional)	City	Zip	Barrier to access	Steps taken to remove barrier

Wholesale Loop Information Spreadsheet page 2
Wholesale Loop Premises Access

Customer Address Address (Street name and number, directional)	City Zip	Barrier to access	Steps taken to remove barrier

BellSouth Telecommunications, Inc.
Suite 2101
333 Commerce Street
Nashville, TN 37201-3300

guy.hicks@bellsouth.com

Guy M. Hicks
General Counsel

615 214-6301
Fax 615 214-7406

December 2, 2003

T-Mobile
Corporation Service Company
2908 Poston Avenue
Nashville, TN 37203

Re: *Implementation of the Federal Communications Commission's Triennial
Review Order (Nine-month Proceeding)(Loop & Transport)*
Docket No. 03-00527

Dear Registered Agent:

Attached is a Subpoena *Duces Tecum* for Deposition issued by the Tennessee Regulatory Authority. Also attached is a Protective Order that is expected to be entered by the Tennessee Regulatory Authority, or its Hearing Officer, in this proceeding. Paragraph 13 of the Protective Order provides that:

13. Non-party witnesses, including entities responding to subpoenas, data requests or other third party discovery propounded by parties or the TRA, shall be entitled to invoke the provisions of this Order by designating information disclosed or documents produced for use in this action as CONFIDENTIAL in which event the provisions of this Order shall govern the disclosure of information or documents provided by the non-party witness. A non-party witness' designation of information as confidential may be challenged under Paragraph 11 of this Order.

If the recipient of this Subpoena provides information which is fully and completely responsive to the Subpoena by BellSouth by **December 16, 2003**, BellSouth will agree to dispense with the oral deposition. Please contact Carolyn Hanesworth at 615/214-6324 to make any necessary arrangements regarding the scheduling of depositions.

If you wish to receive a copy of the subpoena by e-mail, please provide Ms. Hanesworth with your e-mail address. You may call 615/214-6324 or send your request via e-mail to carolyn.hanesworth@bellsouth.com.

Very truly yours,



Guy M. Hicks

BEFORE THE TENNESSEE REGULATORY AUTHORITY
Nashville, Tennessee

In Re: *Implementation of the Federal Communications Commission's
Triennial Review Order (Nine-month Proceeding)(Loop & Transport)*

Docket No. 03-00527

SUBPOENA DUCES TECUM FOR DEPOSITION

To: T-Mobile, Corporation Service Company, 2908 Poston Avenue, Nashville, TN
37203

YOU ARE COMMANDED to appear before a person authorized by law to take depositions at the offices BellSouth Telecommunications, Inc., 333 Commerce Street, Suite, 2101, Nashville, TN 37201 on December 16, 2003, at 2:00 p.m. to testify in this action, and to have with you at that time and place the following:

1. Documents reflecting your ownership and use of high capacity loop and transport facilities, including high capacity loop and transport facilities that might be used by other carriers to provide services to customers in Tennessee.
2. All information set forth in the Attachment, "Matters upon which examination is requested per T.C.A. §§ 4-5-311 and 65-2-102."

These items will be inspected and may be copied at that time. You will not be required to surrender the original items.

YOU ARE SUBPOENAED to appear by the following attorney(s) and, unless excused from this subpoena by these attorney(s) or the Authority you shall respond to this subpoena as directed.

Guy M. Hicks
Joelle J. Phillips
333 Commerce Street, Suite 2101
Nashville, TN 37201-3300
615/214-6301

Date of Issuance: 12/2/03

Richard Collier

Richard Collier, General Counsel
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, TN 37243

MATTERS UPON WHICH EXAMINATION IS REQUESTED
PURSUANT TO T.C.A. §§ 4-5-311 and 65-2-102

1. Affirm or deny that you have self-provided high capacity transport facilities that you own (i.e., any DS3 or greater facilities, including dark fiber) that provide transport along a route between a pair of ILEC central offices or wire centers in each/any of the nine Southeastern states for use in your own operations. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each central office of the pair and be operationally ready to provide transport into or out of each office of the pair. Answer this question in the affirmative if you are self-providing such facilities For purposes of this question, you "own" transport facilities if (i) you have legal title to the facility; or (ii) if you have obtained dark fiber under a long term (10 or more years) IRU and have attached your own optronics to light the facility. Facilities obtained through any other means, including but not limited to special access, unbundled network elements or other services or facilities obtained from third parties, should not be included in this response.

[illegible]

2. Affirm or deny that you offer to carriers on a wholesale basis DS1 or higher transport facilities, or dark fiber transport facilities that you own that provide a route between a pair of ILEC central offices or wire centers, to one or more pair of wire centers, in each/any of the nine states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair. Answer this question in the affirmative if you are offering such facilities. For purposes of this question, you “own” a facility (i) if you have legal title to the facility, or (ii) if you have obtained on an unbundled, leased or purchased basis dark fiber and have attached your own optronics to light the facility and are serving customers using the facility. Facilities obtained through any other means, including but not limited to special access, other unbundled network elements or other services obtained from third parties, should not be included in this response.

[illegible]

3. Affirm or deny whether you have acquired on a wholesale basis from a third party (other than the ILEC or a CLEC that is a party to this proceeding) DS1, DS3, or dark fiber transport between two or more ILEC central offices in each/any of the Southeastern states. The facilities must terminate to an active physical or virtual collocation (includes all types of collocation, not just those qualifying under section 251 (c)(6)) at each end of the transport route) associated with each office of the pair and be operationally ready to provide transport into or out of each office in the pair.

Sample Form for Response to Question 3									
	AL	FL	GA	KY	LA	MS	NC	SC	TN
Affirm									
Deny									

4. For each state in Question 1 that you answered in the affirmative (that you have deployed or self-provide high capacity transport for use in your own operations), provide a list of all the paired ILEC CO to ILEC CO routes on which you have deployed such facilities identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your self-provided transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code for the collocation arrangement.
- c. Whether your self-provided transport facilities are provisioned entirely on facilities you own (as defined in Question 1).
- d. If any of your self-provided transport facilities include facilities obtained through third parties (Yes, No); if your response is yes, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are able to immediately provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

5. For each state in Question 2 that you answered in the affirmative (that you offer at wholesale DS1, DS3 or higher, or dark fiber capacity transport) provide a list of all ILEC CO to ILEC CO routes along which you provide such transport identifying:

- a. The CLLI codes of the paired ILEC CO locations that make up the end points of each and every route. In each case show the "low alpha" (alphabetically first) CLLI code as Wire Center A and the "high alpha" CLLI code as Wire Center Z. (Provide the full 11 character CLLI.)
- b. Whether your wholesale transport facilities are terminated to collocations (includes all types of collocation, not just those qualifying under section 251 (c)(6) at each end of the transport route). Provide the customer name of record for the collocation arrangement and 11-character ACTL CLLI code of the collocation arrangement.
- c. Whether your wholesale transport services are provisioned entirely on facilities you own (as defined in Question 2).
- d. If any of your self-provided transport facilities include facilities obtained through third parties, indicate the vendor name.
- e. Indicate whether the facility is provided over dark fiber you have obtained from BellSouth on an IRU basis. (Yes, No)
- f. Whether you are willing and able immediately to provide transport along the particular route.
- g. The capacity deployed and the capacity active on the route as of September 30, 2003.

6. For each state in Question 3 that you answered in the affirmative (that you have acquired on a wholesale basis DS1, DS3 or higher, or dark fiber transport), provide the following in electronic format using the worksheet related to both self-provided (the Question 4 spreadsheet) and wholesale facilities (the Question 5 spreadsheet):

- a. The CLLI codes of the ILEC wire centers or COs of the starting and ending points of the transport routes;
- b. The name of the carrier or company from whom you received or purchased the transport;
- c. Whether you are operationally ready to provide transport using these facilities; and
- d. The capacity deployed and the capacity active on the route as of September 30, 2003.

7. If, in response to Questions 4 and 5, you denied any of the specified characteristics, explain in detail the basis for your response. For example, if your wholesale operations are affiliated with another provider, state the name of the provider with whom you are affiliated. State also whether there are other limitations on your wholesale operations; if so, describe in detail any such limitations.

[illegible][illegible]